

Product datasheet

Anti-CD7 antibody [SP94] - BSA and Azide free ab230904

Recombinant RabMAb

15 Images

Overview

Product name	Anti-CD7 antibody [SP94] - BSA and Azide free
Description	Rabbit monoclonal [SP94] to CD7 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	IHC-P: Human colon, Human tonsil, and Human stomach carcinoma tissues.
General notes	<p>ab230904 is the carrier-free version of ab183325.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>This product is FOR RESEARCH USE ONLY. For commercial use, please contact partnerships@abcam.com.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.20 Constituent: PBS
Carrier free	Yes
Purity	Protein A/G purified
Purification notes	Purified from TCS by protein A/G.
Clonality	Monoclonal
Clone number	SP94
Isotype	IgG

Applications

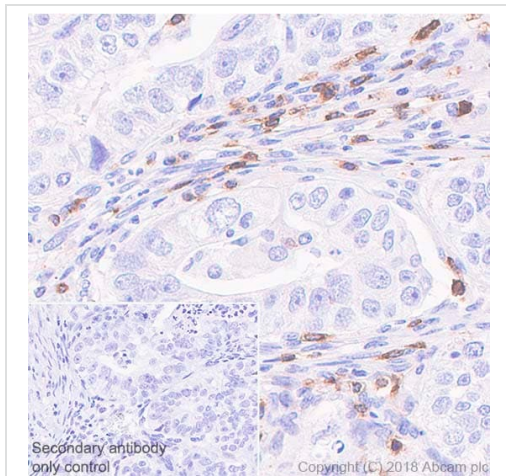
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab230904 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use at an assay dependent concentration. Antigen Retrieval: Boil tissue section in 1 mM EDTA, pH 8.0 for 10 minutes followed by cooling at room temperature for 20 minutes.

Target

Function	Not yet known.
Sequence similarities	Contains 1 Ig-like (immunoglobulin-like) domain.
Cellular localization	Membrane.

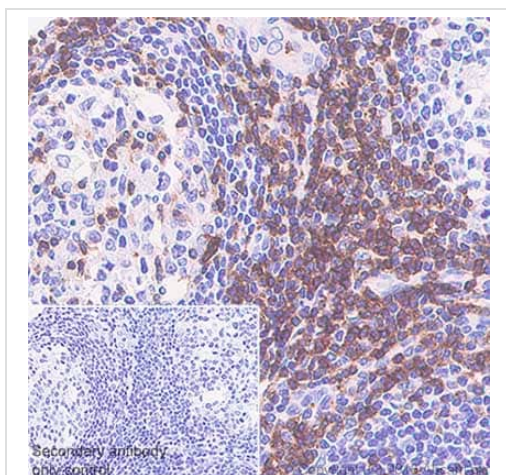
Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] - BSA and Azide free (ab230904)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human stomach carcinoma tissue sections labeling CD7 with **ab183325** at 1: 50 dilution (2.0 µg/ml). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 10mins. Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) was used as the secondary antibody. Hematoxylin was used as a counterstain. Positive staining on the stromal cells in human stomach carcinoma, performed on a Leica Biosystems BOND™ RX instrument.

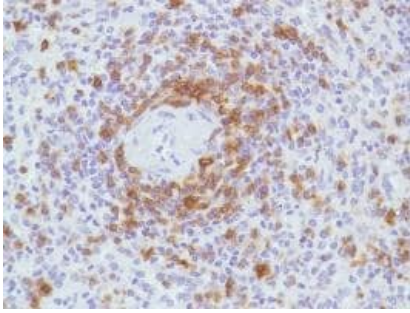
The section was incubated with **ab183325** for 30 mins at room temperature. This image was generated using **ab183325**, the same clone, but with a different buffer formulation.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] - BSA and Azide free (ab230904)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human tonsil tissue sections labeling CD7 with **ab183325** at 1: 50 dilution (2.0 µg/ml). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 10mins. Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) was used as the secondary antibody. Hematoxylin was used as a counterstain. Positive staining on the human tonsil, performed on a Leica Biosystems BOND™ RX instrument.

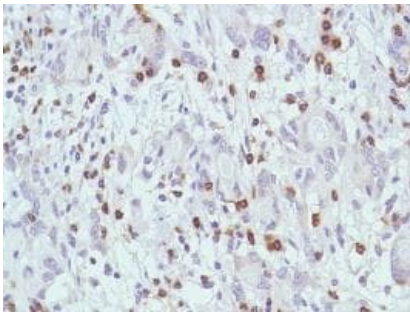
The section was incubated with **ab183325** for 30 mins at room temperature. This image was generated using **ab183325**, the same clone, but with a different buffer formulation.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] - BSA and Azide free (ab230904)

Immunohistochemical analysis of paraffin embedded Human spleen tissue labeling CD7 with **ab183325** at 1/50.

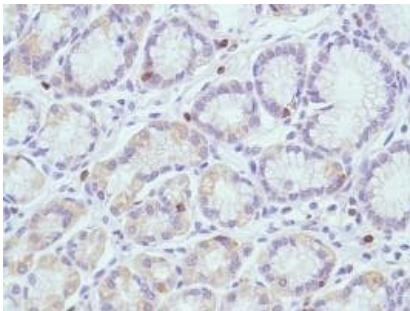
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab183325**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] - BSA and Azide free (ab230904)

Immunohistochemical analysis of paraffin embedded Human stomach adenocarcinoma tissue labeling CD7 with **ab183325** at 1/50.

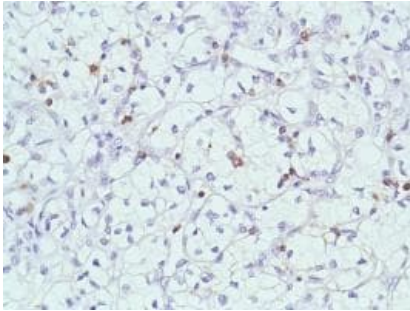
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab183325**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] - BSA and Azide free (ab230904)

Immunohistochemical analysis of paraffin embedded Human stomach tissue labeling CD7 with **ab183325** at 1/50.

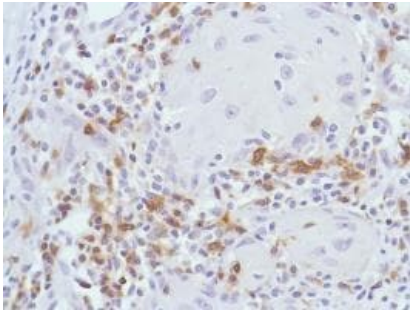
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab183325**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] - BSA and Azide free (ab230904)

Immunohistochemical analysis of paraffin embedded Human renal cell carcinoma tissue labeling CD7 with [ab183325](#) at 1/50.

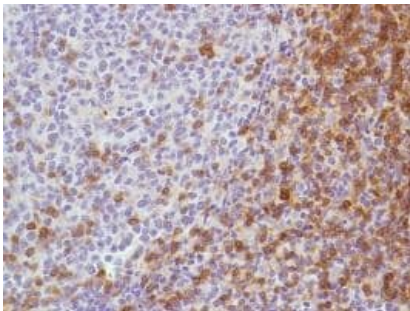
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab183325](#)).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] - BSA and Azide free (ab230904)

Immunohistochemical analysis of paraffin embedded Human skin squamous cell carcinoma tissue labeling CD7 with [ab183325](#) at 1/50.

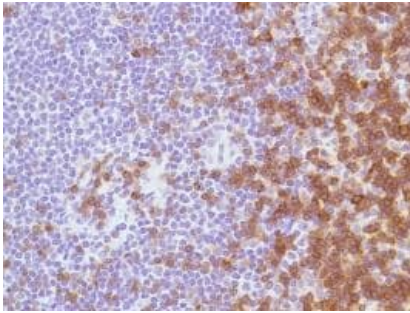
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab183325](#)).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] - BSA and Azide free (ab230904)

Immunohistochemical analysis of paraffin embedded Human tonsil tissue labeling CD7 with [ab183325](#) at 1/50.

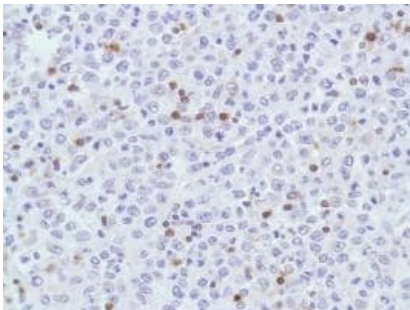
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab183325](#)).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] - BSA and Azide free (ab230904)

Immunohistochemical analysis of paraffin embedded Human reactive lymph node tissue labeling CD7 with **ab183325** at 1/50.

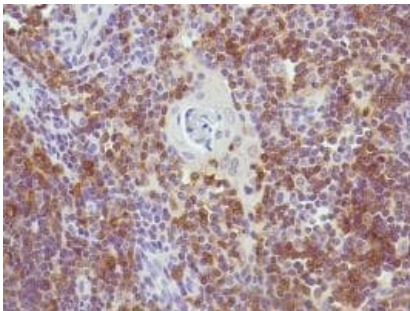
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab183325**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] - BSA and Azide free (ab230904)

Immunohistochemical analysis of paraffin embedded Human B cell lymphoma tissue labeling CD7 with **ab183325** at 1/50.

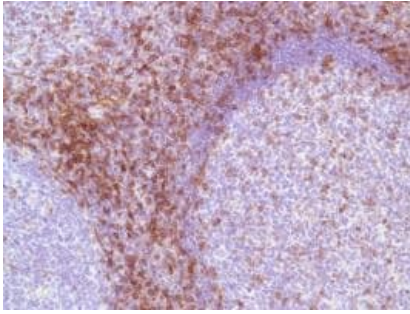
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab183325**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] - BSA and Azide free (ab230904)

Immunohistochemical analysis of paraffin embedded Human thymus tissue labeling CD7 with **ab183325** at 1/50.

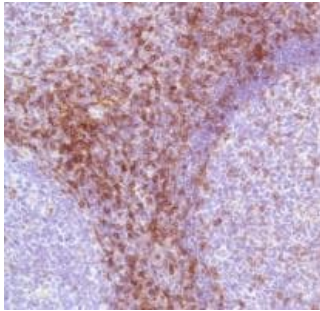
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab183325**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] - BSA and Azide free (ab230904)

Immunohistochemical analysis of paraffin embedded Human tonsil tissue labeling CD7 with **ab183325** at 1/50.

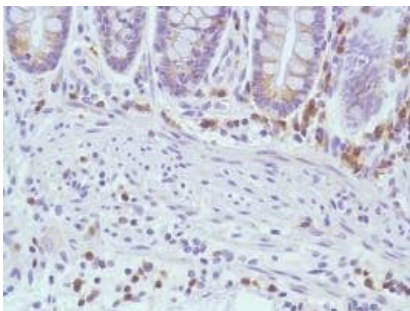
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab183325**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] - BSA and Azide free (ab230904)

Immunohistochemical analysis of paraffin embedded Human tonsil tissue labeling CD7 with **ab183325** at 1/50.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab183325**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] - BSA and Azide free (ab230904)

Paraffin-embedded human colon tissue stained for CD7 with **ab183325** at a 1/50 dilution in immunohistochemical analysis.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA and sodium azide (**ab183325**).

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-CD7 antibody [SP94] - BSA and Azide free
(ab230904)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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