

Product datasheet

Anti-CD7 antibody [SP94] ab183325

Recombinant **RabMAb**

15 Images

Overview

Product name	Anti-CD7 antibody [SP94]
Description	Rabbit monoclonal [SP94] to CD7
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	Human tonsil, Human thymus, Human colon, Human B cell lymphoma, Human reactive lymph node, Human skin squamous cell carcinoma, Human renal cell carcinoma, Human stomach, Human stomach adenocarcinoma and Human spleen tissues.
General notes	<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>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituents: 1% BSA, PBS</p>
Purity	Protein A purified

Clonality	Monoclonal
Clone number	SP94
Isotype	IgG

Applications

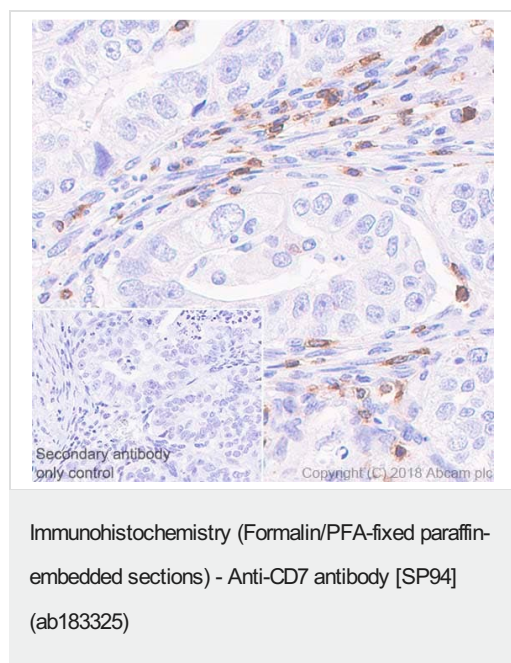
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab183325 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/50. Antigen Retrieval: Boil tissue section in 1mM EDTA, pH 8.0 for 10 min followed by cooling at room temperature for 20 min.

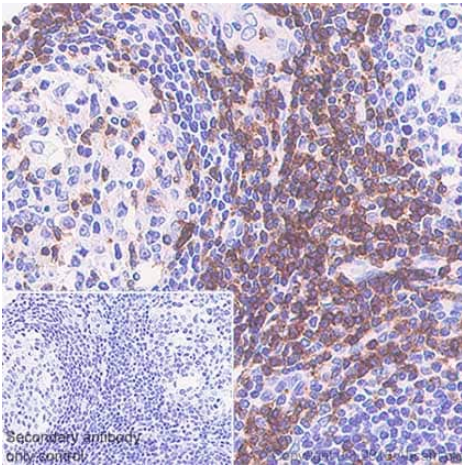
Target

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

Images

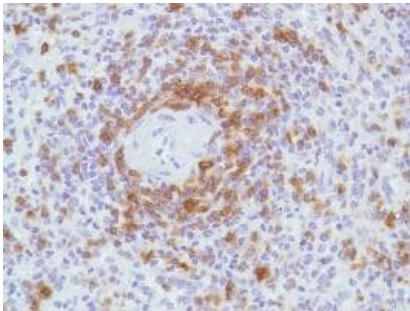


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human stomach carcinoma tissue sections labeling CD7 with ab183325 at 1/50 dilution (2.0 µg/ml). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 10mins. Rabbit specific IHC 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.



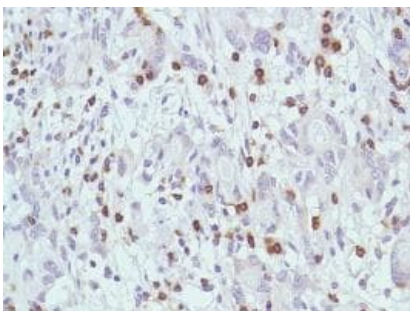
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] (ab183325)

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.



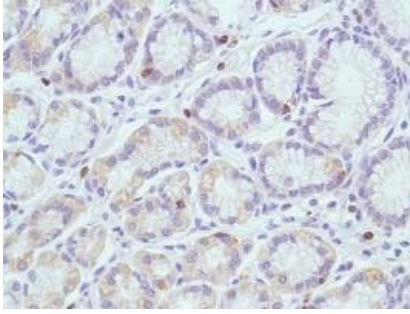
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] (ab183325)

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



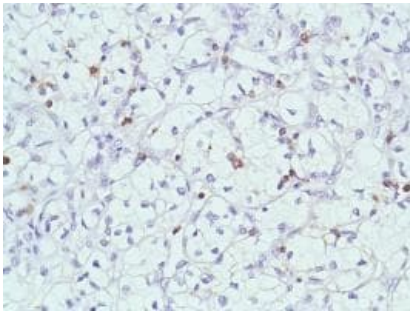
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] (ab183325)

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



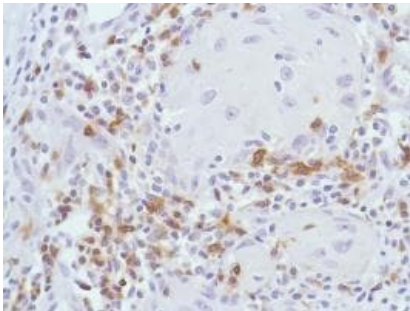
Immunohistochemical analysis of paraffin embedded Human stomach tissue labeling CD7 with ab183325 at 1/50.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] (ab183325)



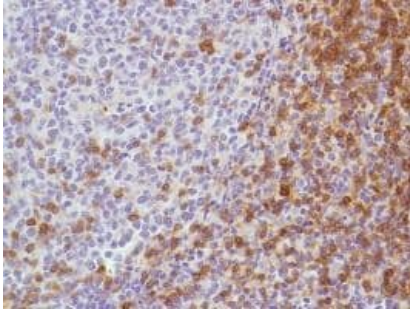
Immunohistochemical analysis of paraffin embedded Human renal cell carcinoma tissue labeling CD7 with ab183325 at 1/50.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] (ab183325)



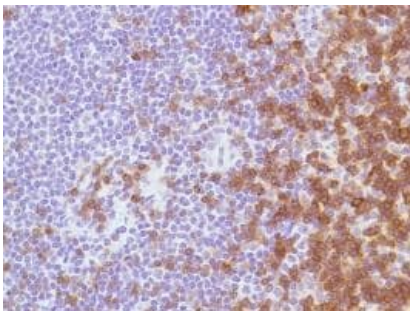
Immunohistochemical analysis of paraffin embedded Human skin squamous cell carcinoma tissue labeling CD7 with ab183325 at 1/50.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] (ab183325)



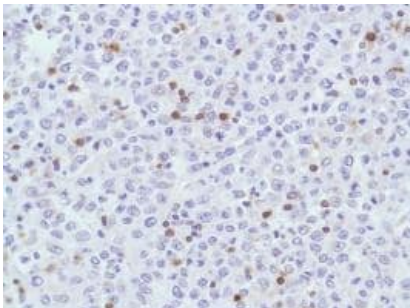
Immunohistochemical analysis of paraffin embedded Human tonsil tissue labeling CD7 with ab183325 at 1/50.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] (ab183325)



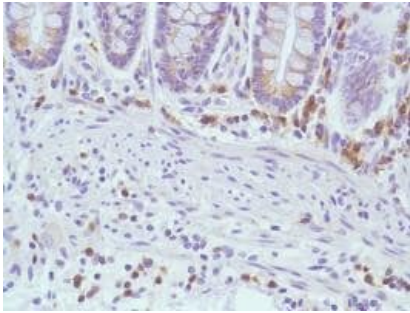
Immunohistochemical analysis of paraffin embedded Human reactive lymph node tissue labeling CD7 with ab183325 at 1/50.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] (ab183325)



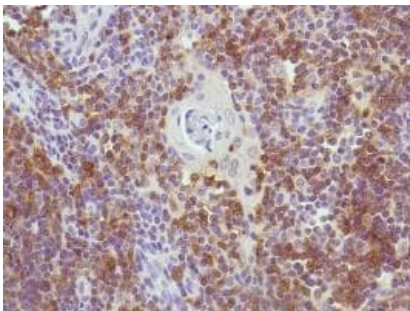
Immunohistochemical analysis of paraffin embedded Human B cell lymphoma tissue labeling CD7 with ab183325 at 1/50.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] (ab183325)



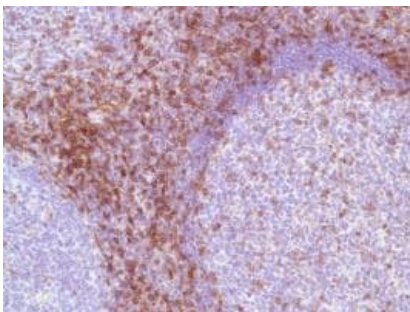
Immunohistochemical analysis of paraffin embedded Human colon tissue labeling CD7 with ab183325 at 1/50.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] (ab183325)



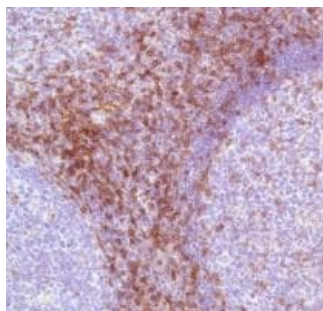
Immunohistochemical analysis of paraffin embedded Human thymus tissue labeling CD7 with ab183325 at 1/50.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] (ab183325)



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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] (ab183325)



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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD7 antibody [SP94] (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] (ab183325)

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

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