

Anti-IL-22RA1 antibody [EPR24559-15] - BSA and Azide free ab283701

Recombinant RabMAb

6 Images

Overview

Product name	Anti-IL-22RA1 antibody [EPR24559-15] - BSA and Azide free
Description	Rabbit monoclonal [EPR24559-15] to IL-22RA1 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: IHC-P Unsuitable for: Flow Cyt (Intra), ICC/IF, IHC-Fr, IP or WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	IHC-P: Human colon, Human colon cancer, SW480 cell line.
General notes	<p>ab283701 is the carrier free version of ab283677.</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>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>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.20 Constituent: 100% PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR24559-15
Isotype	IgG

Applications

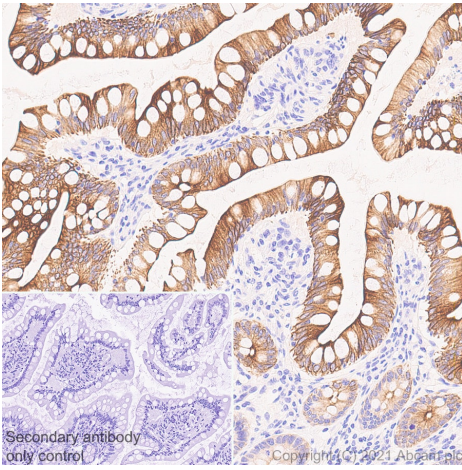
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab283701 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Application notes Is unsuitable for Flow Cyt (Intra), ICC/IF, IHC-Fr, IP or WB.

Target

Images



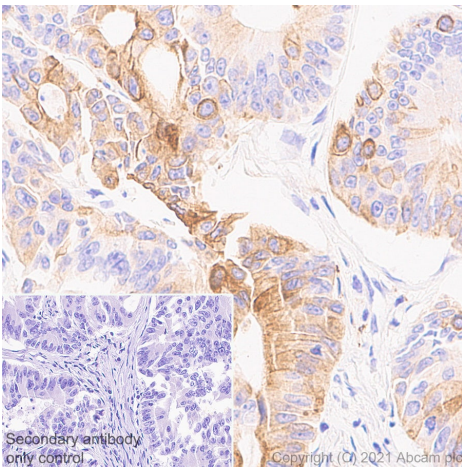
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-22RA1 antibody [EPR24559-15] - BSA and Azide free (ab283701)

This data was developed using [ab283677](#), the same antibody clone in a different buffer formulation.

Immunohistochemical analysis of paraffin-embedded Human colon tissue labelling IL-22RA1 with [ab283677](#) at 1/500 (1.178 ug/ml) followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Positive staining on human colon (PMID:29742509). The section was incubated with [ab283677](#) for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins



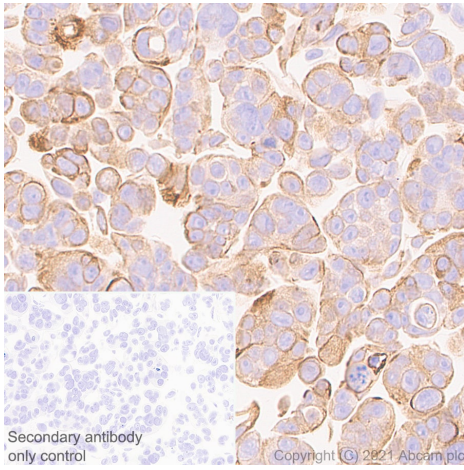
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Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue labelling IL-22RA1 with [ab283677](#) at 1/500 (1.178 ug/ml) followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Positive staining on human colon cancer (PMID:29742509). The section was incubated with [ab283677](#) for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

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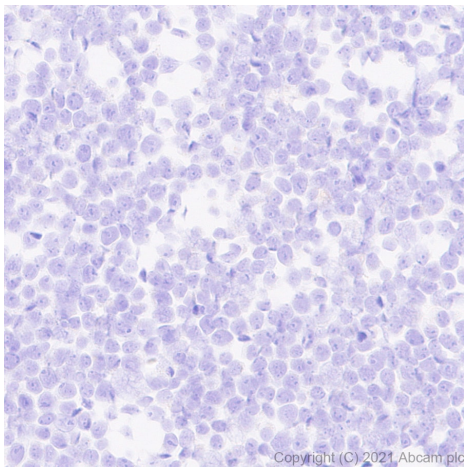
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-22RA1 antibody [EPR24559-15] - BSA and Azide free (ab283701)

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Immunohistochemical analysis of paraffin-embedded SW480 (Human colorectal adenocarcinoma epithelial cell) tissue labelling IL-22RA1 with [ab283677](#) at 1/100 (1.178 ug/ml) followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection) was used. Positive staining on SW480 cells. The section was incubated with [ab283677](#) for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection) was used.

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-22RA1 antibody [EPR24559-15] - BSA and Azide free (ab283701)

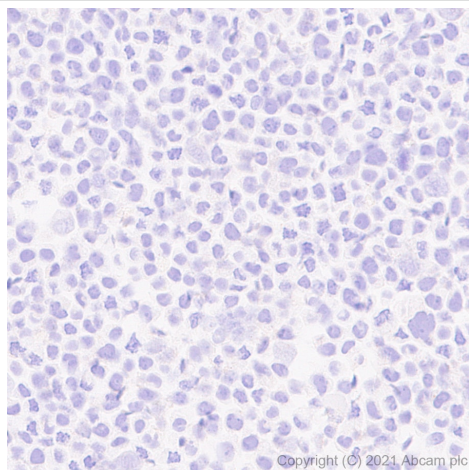
This data was developed using [ab283677](#), the same antibody clone in a different buffer formulation.

Immunohistochemical analysis of paraffin-embedded Jurkat (Human T cell leukemia T lymphocyte) labelling IL-22RA1 with [ab283677](#) at 1/100 (1.178 ug/ml) followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection) was used. The section was incubated with [ab283677](#) for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument Counterstained with Hematoxylin.

Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection) was used.

Negative control: No staining on Jurkat cells (PMID:15308104).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-22RA1 antibody [EPR24559-15] - BSA and Azide free (ab283701)

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Immunohistochemical analysis of paraffin-embedded THP-1 (Human monocytic leukemia monocyte) labelling IL-22RA1 with [ab283677](#) at 1/100 (1.178 ug/ml) followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection) was used. The section was incubated with [ab283677](#) for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument Counterstained with Hematoxylin.

Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection) was used.

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins

Negative control: No staining on THP-1 cells (PMID:15308104).

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

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