

Anti-RPS12 antibody [EPR10964(B)] - BSA and Azide free ab249439

Recombinant RabMAb

8 Images

Overview

Product name	Anti-RPS12 antibody [EPR10964(B)] - BSA and Azide free
Description	Rabbit monoclonal [EPR10964(B)] to RPS12 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P Unsuitable for: Flow Cyt, ICC/IF or IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab249439 is the carrier-free version of ab167428.</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. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR10964(B)
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab249439 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

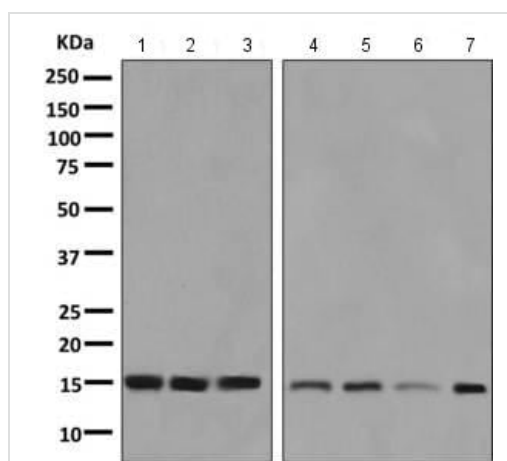
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 15 kDa.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Application notes Is unsuitable for Flow Cyt, ICC/IF or IP.

Target

Sequence similarities	Belongs to the ribosomal protein S12e family.
Cellular localization	Cytoplasm.

Images



Western blot - Anti-RPS12 antibody [EPR10964(B)]
- BSA and Azide free (ab249439)

All lanes : Anti-RPS12 antibody [EPR10964(B)] ([ab167428](#)) at 1/1000 dilution

Lane 1 : Rat C6 cell lysate

Lane 2 : Mouse RAW 264.7 cell lysate

Lane 3 : Mouse NIH 3T3 cell lysate

Lane 4 : HeLa cell lysate

Lane 5 : MCF7 cell lysate

Lane 6 : HepG2 cell lysate

Lane 7 : Raji cell lysate

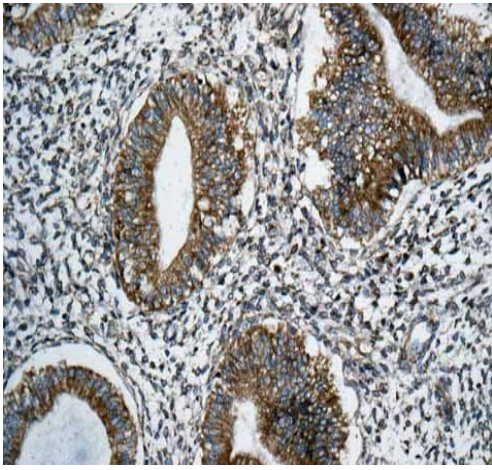
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-rabbit HRP at 1/2000 dilution

Predicted band size: 15 kDa

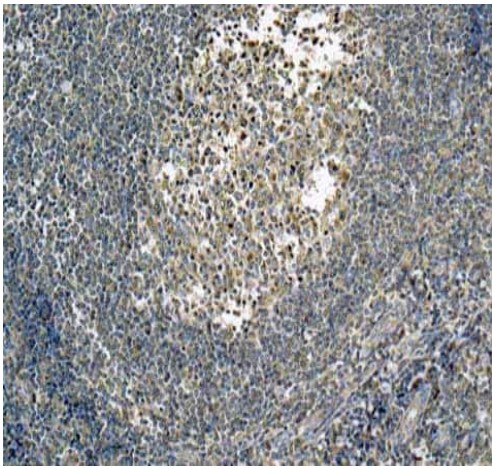
This data was developed using [ab167428](#), the same antibody clone in a different buffer formulation.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RPS12 antibody
[EPR10964(B)] - BSA and Azide free (ab249439)

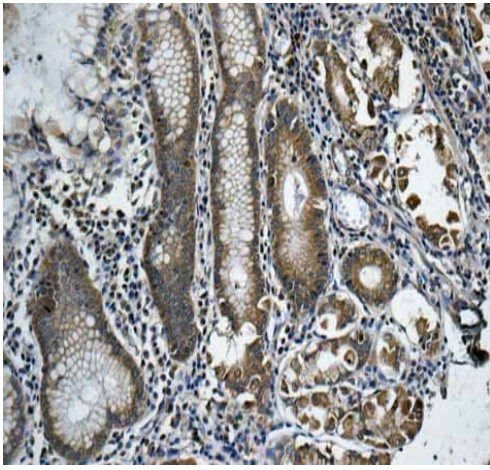
This data was developed using [ab167428](#), the same antibody clone in a different buffer formulation.

[ab167428](#) showing +ve staining in Human normal uterus. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



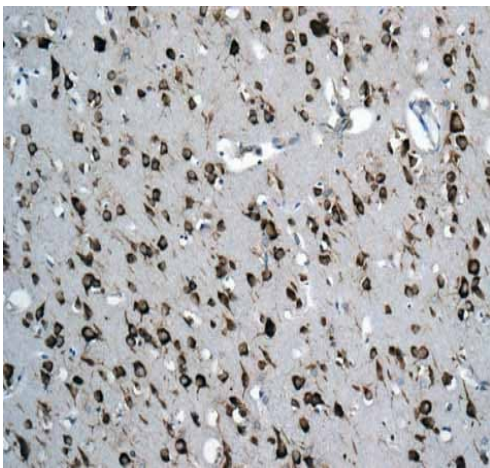
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RPS12 antibody
[EPR10964(B)] - BSA and Azide free (ab249439)

This data was developed using [ab167428](#), the same antibody clone in a different buffer formulation. [ab167428](#) showing +ve staining in Human normal tonsil. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RPS12 antibody
[EPR10964(B)] - BSA and Azide free (ab249439)

This data was developed using [**ab167428**](#), the same antibody clone in a different buffer formulation. [**ab167428**](#) showing +ve staining in Human normal stomach. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



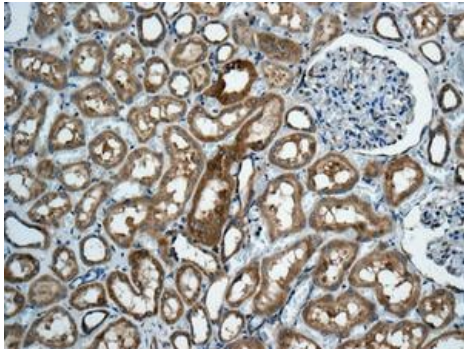
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RPS12 antibody
[EPR10964(B)] - BSA and Azide free (ab249439)

This data was developed using [**ab167428**](#), the same antibody clone in a different buffer formulation. [**ab167428**](#) showing +ve staining in Human normal brain. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RPS12 antibody
[EPR10964(B)] - BSA and Azide free (ab249439)

This data was developed using [**ab167428**](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human colon tissue, labeling RPS12 using [**ab167428**](#) at a 1/100 dilution. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RPS12 antibody
[EPR10964(B)] - BSA and Azide free (ab249439)

This data was developed using **ab167428**, the same antibody clone in a different buffer formulation. Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human kidney tissue, labeling RPS12 using **ab167428** at a 1/100 dilution. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Why choose a recombinant antibody?



Anti-RPS12 antibody [EPR10964(B)] - BSA and Azide free (ab249439)

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

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