

Anti-Carboxypeptidase A1+A2+B antibody [EPR12087(B)] - BSA and Azide free ab250379

Recombinant RabMAb

5 Images

Overview

Product name	Anti-Carboxypeptidase A1+A2+B antibody [EPR12087(B)] - BSA and Azide free
Description	Rabbit monoclonal [EPR12087(B)] to Carboxypeptidase A1+A2+B - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: IHC-P, ICC/IF, WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab250379 is the carrier-free version of ab181146.</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

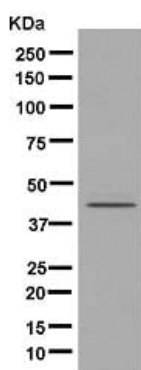
Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR12087(B)
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab250379 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.
ICC/IF		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 44 kDa (predicted molecular weight: 47 kDa).

Images



Western blot - Anti-Carboxypeptidase A1+A2+B antibody [EPR12087(B)] - BSA and Azide free (ab250379)

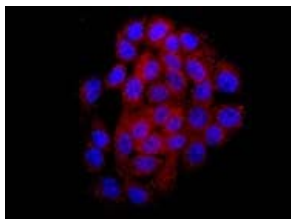
Anti-Carboxypeptidase A1+A2+B antibody [EPR12087(B)]
(**ab181146**) at 1/5000 dilution + Human pancreas tissue lysate at 10 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

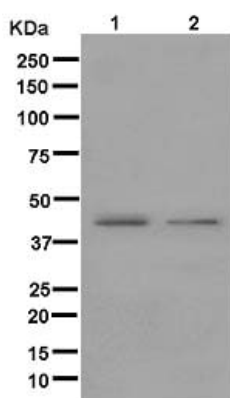
Predicted band size: 47 kDa

This data was developed using **ab181146**, the same antibody clone in a different buffer formulation.



Immunocytochemistry/ Immunofluorescence - Anti-Carboxypeptidase A1+A2+B antibody
[EPR12087(B)] - BSA and Azide free (ab250379)

This data was developed using **ab181146**, the same antibody clone in a different buffer formulation. Immunofluorescent analysis of BxPC3 cells (paraformaldehyde-fixed, 4%) labeling Carboxypeptidase A with **ab181146** at 1/100 dilution followed by Goat anti rabbit IgG (Alexa Fluor® 555) secondary at 1/200 dilution and counter-stained with DAPI (blue).



Western blot - Anti-Carboxypeptidase A1+A2+B antibody [EPR12087(B)] - BSA and Azide free (ab250379)

All lanes : Anti-Carboxypeptidase A1+A2+B antibody
[EPR12087(B)] (**ab181146**) at 1/1000 dilution

Lane 1 : Rat pancreas lysate

Lane 2 : Mouse pancreas lysate

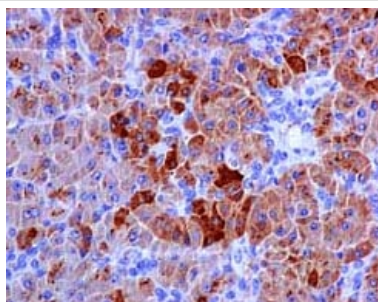
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

Predicted band size: 47 kDa

This data was developed using **ab181146**, the same antibody clone in a different buffer formulation.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Carboxypeptidase A1+A2+B antibody [EPR12087(B)] - BSA and Azide free (ab250379)

This data was developed using **ab181146**, the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded Human pancreas tissue labeling Carboxypeptidase A with **ab181146** at 1/500 dilution followed by pre-diluted HRP-conjugated secondary antibody and counter-stained with Hematoxylin. Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.

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-Carboxypeptidase A1+A2+B antibody
[EPR12087(B)] - BSA and Azide free (ab250379)

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

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