

Anti-POC5 antibody [EPR14000-76] - BSA and Azide free ab250957

Recombinant RabMAb

4 Images

Overview

Product name	Anti-POC5 antibody [EPR14000-76] - BSA and Azide free
Description	Rabbit monoclonal [EPR14000-76] to POC5 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab250957 is the carrier-free version of ab188330.</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
Clonality	Monoclonal
Clone number	EPR14000-76
Isotype	IgG

Applications

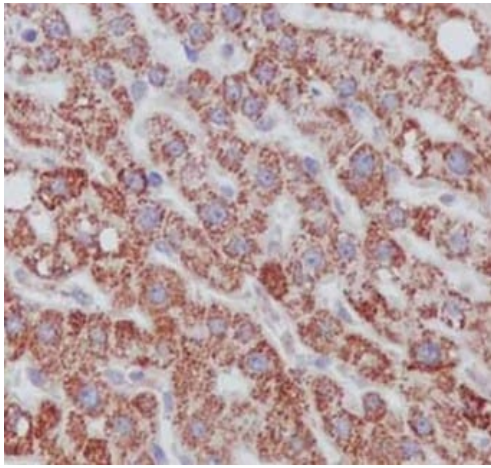
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab250957 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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.
WB		Use at an assay dependent concentration. Detects a band of approximately 75 kDa (predicted molecular weight: 63 kDa).

Target

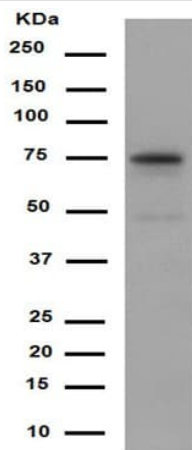
Function	Essential for the assembly of the distal half of centrioles, required for centriole elongation.
Sequence similarities	Belongs to the POC5 family.
Post-translational modifications	Hyperphosphorylated during recruitment to procentrioles in G2/M phase.
Cellular localization	Cytoplasm > cytoskeleton > centrosome > centriole. Localized to the distal portion of centrioles.

Images



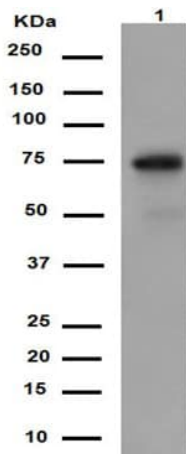
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-POC5 antibody [EPR14000-76] - BSA and Azide free (ab250957)

This data was developed using **ab188330**, the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded Human liver tissue, labeling POC5 with **ab188330** at 1/50 dilution. Detected using HRP Polymer for Rabbit IgG and counter-stained using hematoxylin. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Western blot - Anti-POC5 antibody [EPR14000-76] - BSA and Azide free (ab250957)

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Western blot - Anti-POC5 antibody [EPR14000-76] - BSA and Azide free (ab250957)

Anti-POC5 antibody [EPR14000-76] - N-terminal ([ab188330](#)) at 1/1000 dilution + Y79 cell lysate at 10 µg

Secondary

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

Predicted band size: 63 kDa

Observed band size: 75 kDa

This data was developed using [ab188330](#), the same antibody clone in a different buffer formulation.

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-POC5 antibody [EPR14000-76] - BSA and Azide free (ab250957)

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

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