

Anti-Hemoglobin subunit beta + Hemoglobin subunit delta antibody [EPR8322(B)] - BSA and Azide free ab248384

Recombinant RabMAb

5 Images

Overview

Product name	Anti-Hemoglobin subunit beta + Hemoglobin subunit delta antibody [EPR8322(B)] - BSA and Azide free
Description	Rabbit monoclonal [EPR8322(B)] to Hemoglobin subunit delta + Hemoglobin subunit beta - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P Unsuitable for: IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab248384 is the carrier-free version of ab131225.</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>

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb[®] patents](#).

Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

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	EPR8322(B)
Isotype	IgG

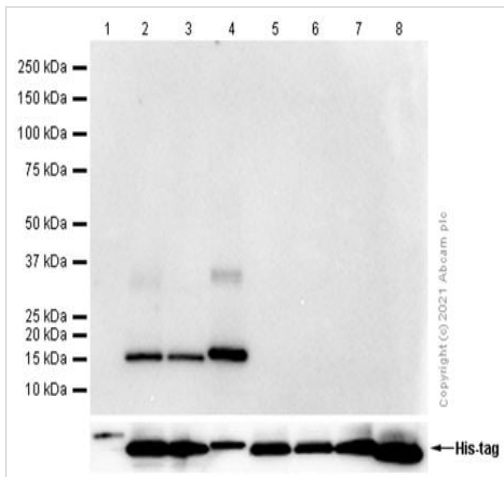
Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab248384 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. Detects a band of approximately 16 kDa (predicted molecular weight: 16 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 IP.

Images



Western blot - Anti-Hemoglobin subunit beta + Hemoglobin subunit delta antibody [EPR8322(B)] - BSA and Azide free (ab248384)

All lanes : Anti-Hemoglobin subunit beta + Hemoglobin subunit delta antibody [EPR8322(B)] ([ab131225](#)) at 1/200 dilution

Lane 1 : Recombinant Human Hemoglobin subunit alpha protein (denatured) ([ab131697](#))

Lane 2 : His-tagged human Hemoglobin subunit beta/ba1 (aa 3-147) recombinant protein

Lane 3 : His-tagged human Hemoglobin subunit delta (aa 3-147) recombinant protein

Lane 4 : His-tagged full length human Hemoglobin subunit delta recombinant protein

Lane 5 : His-tagged human Hemoglobin subunit epsilon (aa 3-147) recombinant protein

Lane 6 : His-tagged human Hemoglobin subunit gamma-2 (aa 2-147) recombinant protein

Lane 7 : His-tagged human Hemoglobin subunit gamma-1 (aa 2-147) recombinant protein

Lane 8 : Recombinant Human Hemoglobin subunit zeta protein ([ab95347](#))

Lysates/proteins at 0.1 µg per lane.

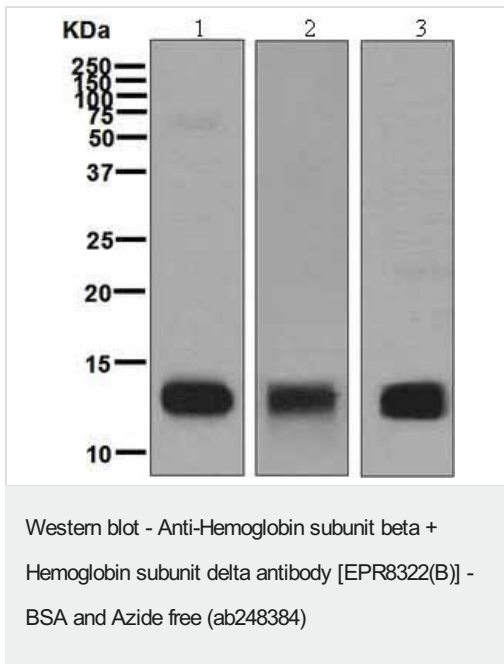
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

Predicted band size: 16 kDa

Blocking/Diluting buffer and concentration: 5% NFDM/TBST

Exposure time: 100 seconds



All lanes : Anti-Hemoglobin subunit beta + Hemoglobin subunit delta antibody [EPR8322(B)] ([ab131225](#)) at 1/1000 dilution

Lane 1 : Human fetal heart tissue lysate

Lane 2 : Human fetal liver tissue lysate

Lane 3 : Human red blood cell (RBC) lysate

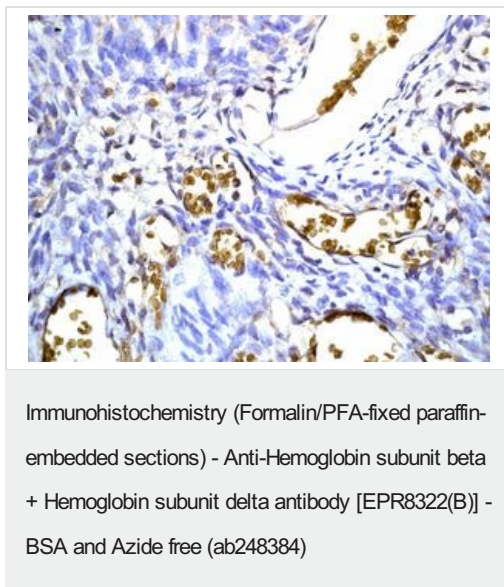
Lysates/proteins at 10 µg per lane.

Secondary

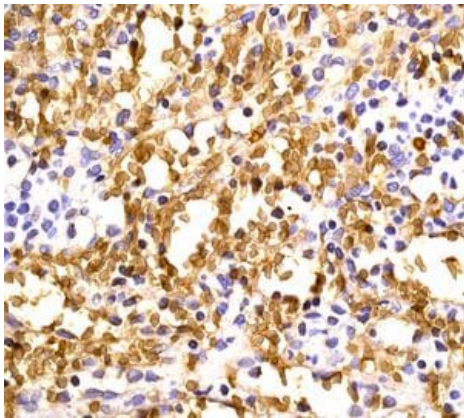
All lanes : Goat anti-Rabbit HRP at 1/2000 dilution

Predicted band size: 16 kDa

This data was developed using [ab131225](#), the same antibody clone in a different buffer formulation.



This data was developed using [ab131225](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin embedded Human endometrium tissue labelling Hemoglobin subunit delta with [ab131225](#) at 1/250 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-Hemoglobin subunit beta + Hemoglobin subunit delta antibody [EPR8322(B)] - BSA and Azide free (ab248384)

This data was developed using **ab131225**, the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin embedded Human spleen tissue labelling Hemoglobin subunit delta with **ab131225** at 1/250 dilution. Perform heat mediated antigen retrieval with citrate buffer pH 6 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

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

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