abcam

Product datasheet

Anti-Hemopexin antibody [EPR5609] - BSA and Azide free ab226136

Recombinant RabMAb

3 Images

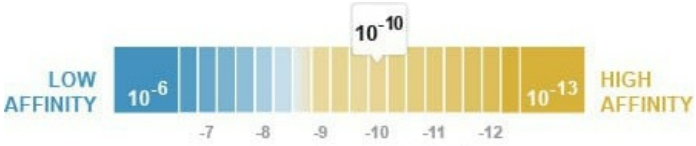
Overview

Product name	Anti-Hemopexin antibody [EPR5609] - BSA and Azide free
Description	Rabbit monoclonal [EPR5609] to Hemopexin - BSA and Azide free
Host species	Rabbit
Tested applications	**Suitable for:** WB **Unsuitable for:** ICC/IF or IHC-P
Species reactivity	**Reacts with:** Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human plasma and placenta, fetal liver, and Human thyroid lysates.
General notes	ab226136 is the carrier-free version of **ab133523**. 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. 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. 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. 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. This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. 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.
Dissociation constant (K_D)	$K_D = 1.40 \times 10^{-10}$ M



Learn more about K_D

Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR5609
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab226136 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

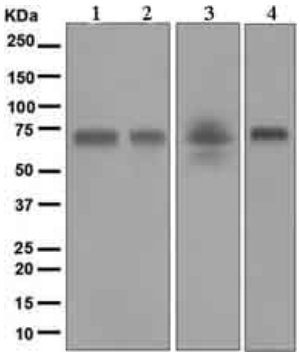
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 70-75 kDa (predicted molecular weight: 51 kDa).

Application notes Is unsuitable for ICC/IF or IHC-P.

Target

Function	Binds heme and transports it to the liver for breakdown and iron recovery, after which the free hemopexin returns to the circulation.
Tissue specificity	Expressed by the liver and secreted in plasma.
Sequence similarities	Belongs to the hemopexin family. Contains 5 hemopexin-like domains.
Post-translational modifications	N- and O-glycosylated. O-glycosylated with core 1 or possibly core 8 glycans.
Cellular localization	Secreted.

Images



Western blot - Anti-Hemopexin antibody [EPR5609] - BSA and Azide free (ab226136)

All lanes : Anti-Hemopexin antibody [EPR5609] (**ab133523**) at 1/50000 dilution

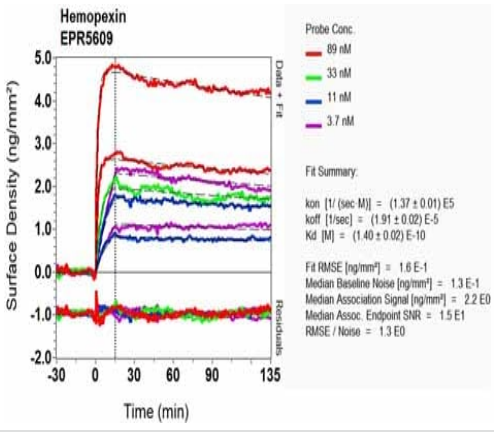
Lane 1 : Human plasma lysate
Lane 2 : Human placenta lysate
Lane 3 : Human fetal liver lysate
Lane 4 : Human thyroid lysate

Lysates/proteins at 10 µg per lane.

Secondary
All lanes : HRP labelled Goat anti Rabbit IgG at 1/2000 dilution

Predicted band size: 51 kDa
Observed band size: 70-75 kDa

This data was developed using **ab133523**, the same antibody clone in a different buffer formulation.

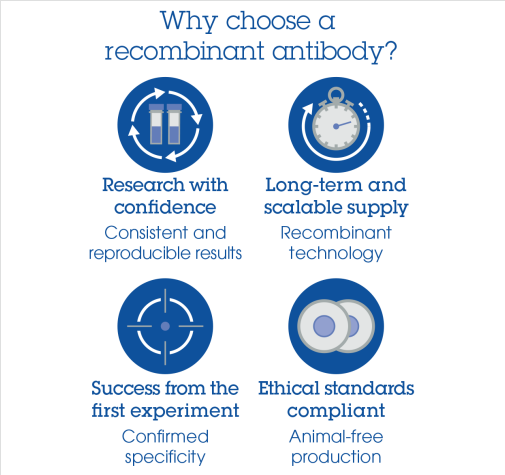


OI-RD Scanning - Anti-Hemopexin antibody [EPR5609] - BSA and Azide free (ab226136)

This data was developed using **ab133523**, the same antibody clone in a different buffer formulation.Equilibrium disassociation constant (K_D)

Learn more about K_D

Click here to learn more about K_D



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