


Product datasheet

Anti-FMO5 antibody [EPR14783] ab189516

Recombinant RabMAb

★☆☆☆☆ [1 Abreviews](#) [1 References](#) [5 Images](#)

Overview

Product name	Anti-FMO5 antibody [EPR14783]
Description	Rabbit monoclonal [EPR14783] to FMO5
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, IP Unsuitable for: ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Human fetal liver tissue lysate and HepG2 cell lysate. IHC-P: Human liver tissue.
General notes	<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> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified

Clonality	Monoclonal
Clone number	EPR14783
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab189516 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

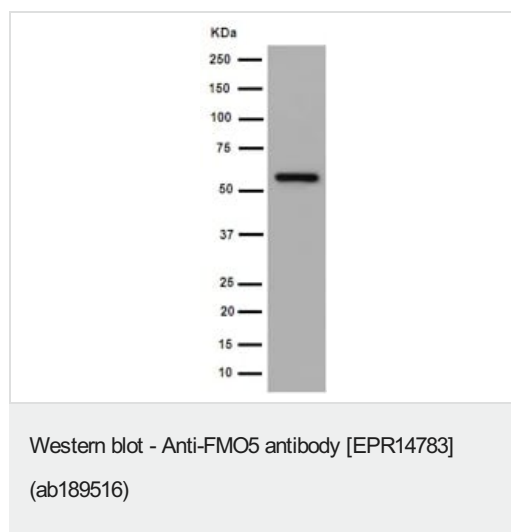
Application	Abreviews	Notes
WB	★☆☆☆☆ (1)	1/1000 - 1/10000. Predicted molecular weight: 60 kDa.
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
IP		1/50.

Application notes Is unsuitable for ICC/IF.

Target

Function	In contrast with other forms of FMO it does not seem to be a drug-metabolizing enzyme.
Tissue specificity	Expressed in fetal and adult liver.
Sequence similarities	Belongs to the FMO family.
Cellular localization	Microsome membrane. Endoplasmic reticulum membrane.

Images



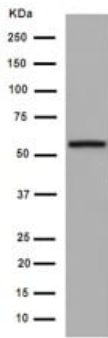
Anti-FMO5 antibody [EPR14783] (ab189516) at 1/10000 dilution + Human fetal liver tissue lysate at 20 µg

Secondary

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

Predicted band size: 60 kDa

Observed band size: 60 kDa



Western blot - Anti-FMO5 antibody [EPR14783] (ab189516)

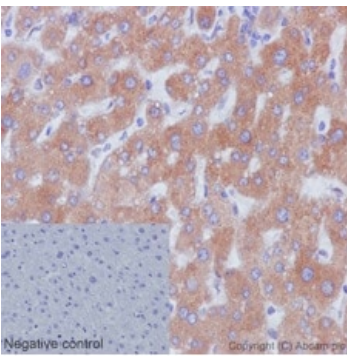
Anti-FMO5 antibody [EPR14783] (ab189516) at 1/10000 dilution + HepG2 cell lysate at 20 µg

Secondary

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

Predicted band size: 60 kDa

Observed band size: 60 kDa

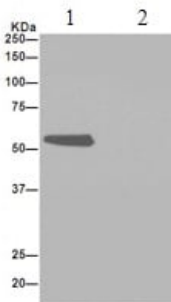


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FMO5 antibody [EPR14783] (ab189516)

Immunohistochemical analysis of paraffine embedded Human liver tissue labeling FMO5 with ab189516 at 1/500 dilution.

Prediluted HRP Polymer for Rabbit IgG was used as a secondary antibody. Counter stain: Hematoxylin.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunoprecipitation - Anti-FMO5 antibody [EPR14783] (ab189516)

Immunoprecipitation of Human fetal liver labeling FMO5 with ab189516 at 1/50 dilution and Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1500 (+) or PBS (-)

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-FMO5 antibody [EPR14783] (ab189516)

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

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