


Product datasheet

Anti-MGST1 antibody [EPR7935] ab129175

Recombinant **RabMAb**

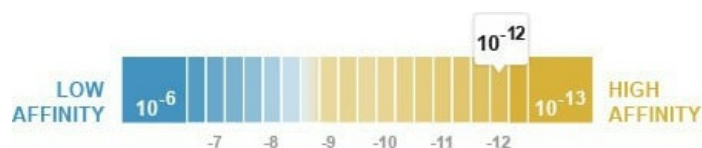
[1 Abreviews](#) [4 Images](#)

Overview

Product name	Anti-MGST1 antibody [EPR7935]
Description	Rabbit monoclonal [EPR7935] to MGST1
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF Unsuitable for: Flow Cyt, IHC-P or IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide within Human MGST1 aa 100 to the C-terminus (C terminal). The exact sequence is proprietary. Database link: P10620
Positive control	Fetal liver lysate, HepG2 cells and cell lysate, K562 cell lysate, HT 1376 cell lysate.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 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 .

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Dissociation constant (K_D)	K _D = 5.40 x 10 ⁻¹² M



[Learn more about K_D](#)

Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR7935
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab129175 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

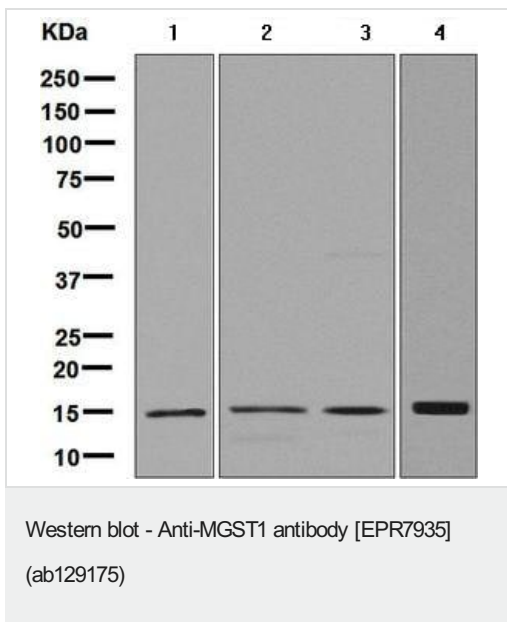
Application	Abreviews	Notes
WB		1/1000 - 1/10000. Detects a band of approximately 16 kDa (predicted molecular weight: 18 kDa).
ICC/IF		1/100 - 1/250.

Application notes Is unsuitable for Flow Cyt, IHC-P or IP.

Target

Function	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Has a wide substrate specificity.
Tissue specificity	Highly expressed in liver.
Sequence similarities	Belongs to the MAPEG family.
Post-translational modifications	Peroxynitrite induces nitration at Tyr-93 which activates the enzyme.
Cellular localization	Microsome. Mitochondrion outer membrane. Endoplasmic reticulum membrane.

Images



All lanes : Anti-MGST1 antibody [EPR7935] (ab129175) at 1/1000 dilution

Lane 1 : Fetal liver tissue lysate

Lane 2 : HepG2 cell lysate

Lane 3 : K562 cell lysate

Lane 4 : HT 1376 cell lysate

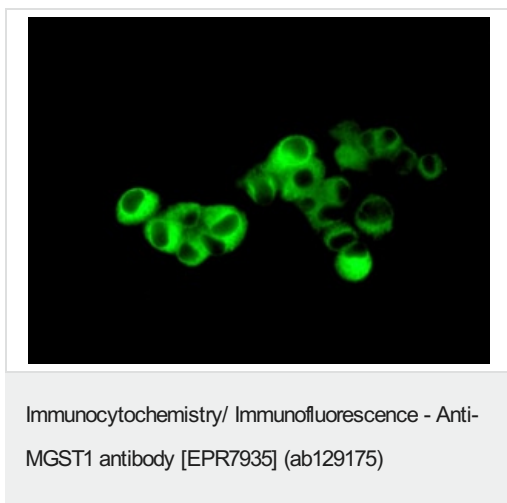
Lysates/proteins at 10 µg per lane.

Secondary

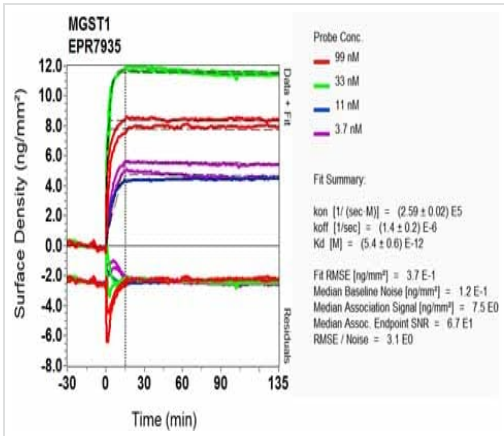
All lanes : Goat anti-rabbit HRP conjugated antibody at 1/2000 dilution

Predicted band size: 18 kDa

Observed band size: 16 kDa



ab129175, at 1/100, staining MGST1 in HepG2 cells by Immunofluorescence.



OI-RD Scanning - Anti-MGST1 antibody [EPR7935]
(ab129175)

Equilibrium dissociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

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-MGST1 antibody [EPR7935] (ab129175)

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

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- We investigate all quality concerns to ensure our products perform to the highest standards

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