

Product datasheet

Anti-MGST3 antibody [EPR12352] ab192254

Recombinant RabMAb

[7 Images](#)

Overview

Product name	Anti-MGST3 antibody [EPR12352]
Description	Rabbit monoclonal [EPR12352] to MGST3
Host species	Rabbit
Tested applications	Suitable for: IHC-P, IP, WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human MGST3 aa 1-100. The exact sequence is proprietary. Database link: O14880
Positive control	A673, HepG2, Human fetal brain, and mouse spleen lysates; Human and mouse cardiac muscle and rat liver tissues.

General notes

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

This product is a [recombinant rabbit monoclonal antibody](#).

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	Preservative: 0.01% Sodium azide Constituents: 40% Glycerol, 59% PBS, 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR12352
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab192254** in the following tested applications.

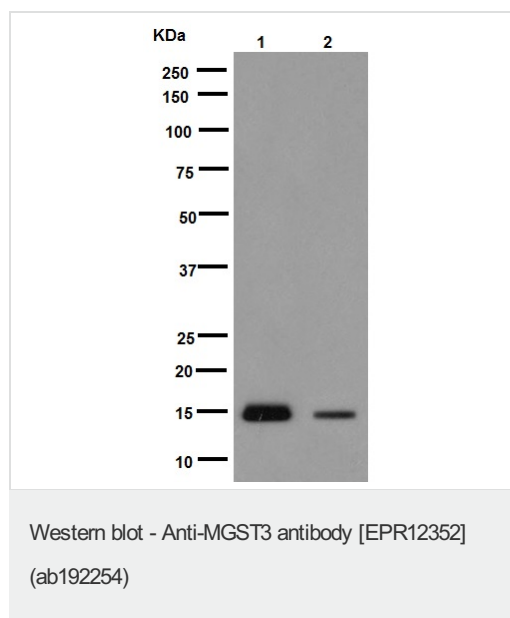
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
IP		1/20.
WB		1/1000 - 1/10000. Detects a band of approximately 17 kDa (predicted molecular weight: 17 kDa).

Target

Function	Also functions as a glutathione peroxidase.
Tissue specificity	Predominantly expressed in heart, skeletal muscle, and adrenal cortex. Also found in brain, placenta, liver, kidney, pancreas, thyroid, testis and ovary. Almost absent in lung, thymus and peripheral blood leukocytes.
Sequence similarities	Belongs to the MAPEG family.
Cellular localization	Endoplasmic reticulum membrane. Microsome membrane. Microsome membrane.

Images



All lanes : Anti-MGST3 antibody [EPR12352] (ab192254) at 1/10000 dilution

Lane 1 : A673 cell lysate

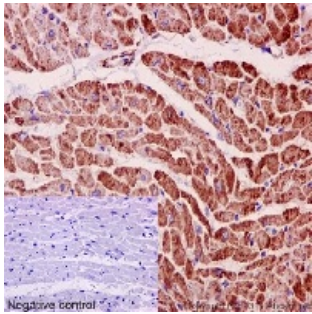
Lane 2 : HepG2 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

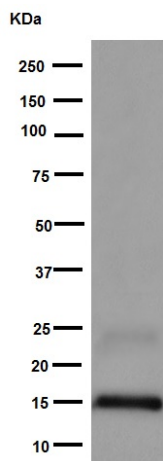
Predicted band size: 17 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MGST3 antibody [EPR12352] (ab192254)

Immunohistochemical analysis of paraffin-embedded Human cardiac muscle tissue labeling MGST3 with ab192254 at 1/500 dilution followed by pre-diluted HRP Polymer for Rabbit IgG secondary antibody and counter-stained with Hematoxylin. (inset: negative control).

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



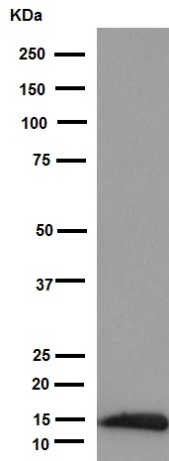
Western blot - Anti-MGST3 antibody [EPR12352] (ab192254)

Anti-MGST3 antibody [EPR12352] (ab192254) at 1/1000 dilution + Human fetal brain lysate at 20 μ g

Secondary

Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

Predicted band size: 17 kDa



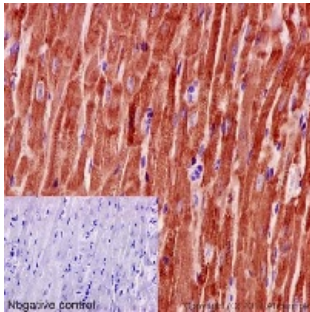
Western blot - Anti-MGST3 antibody [EPR12352] (ab192254)

Anti-MGST3 antibody [EPR12352] (ab192254) at 1/1000 dilution + mouse spleen lysate at 10 μ g

Secondary

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

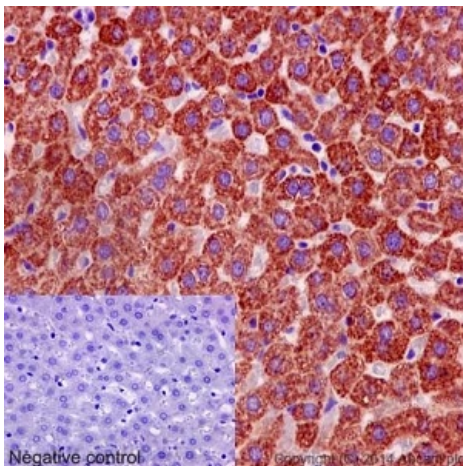
Predicted band size: 17 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MGST3 antibody [EPR12352] (ab192254)

Immunohistochemical analysis of paraffin-embedded mouse cardiac muscle tissue labeling MGST3 with ab192254 at 1/500 dilution followed by pre-diluted HRP Polymer for Rabbit IgG secondary antibody and counter-stained with Hematoxylin. (inset: negative control).

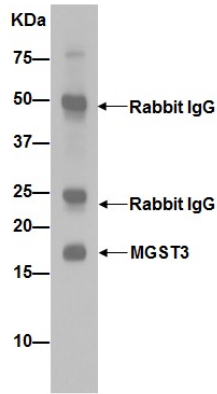
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MGST3 antibody [EPR12352] (ab192254)

Immunohistochemical analysis of paraffin-embedded rat liver tissue labeling MGST3 with ab192254 at 1/500 dilution followed by pre-diluted HRP Polymer for Rabbit IgG secondary antibody and counter-stained with Hematoxylin. (inset: negative control).

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



Western blot analysis of immunoprecipitation pellet from HepG2 cell lysate immunoprecipitated using ab192254 at 1/20 dilution. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution.

Immunoprecipitation - Anti-MGST3 antibody
[EPR12352] (ab192254)

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