

Product datasheet

Anti-MGST3 antibody [EPR12352] ab192254

Recombinant **RabMAb**

[1 References](#) [8 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. This information is proprietary to Abcam and/or its suppliers.
Positive control	A673, HepG2, Human fetal brain, and mouse spleen lysates; Human and mouse cardiac muscle and rat liver tissues.
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>

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	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS, 0.05% BSA</p>
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR12352
Isotype	IgG

Applications

The Abpromise guarantee

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.

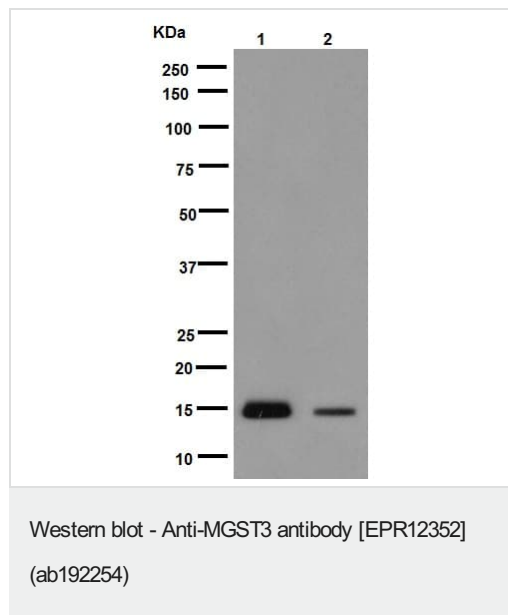
Sequence similarities

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

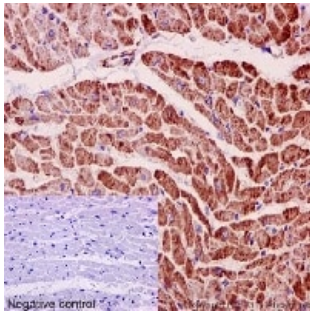
Lane 2 : HepG2 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

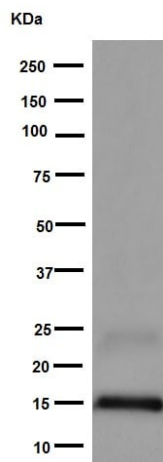
Predicted band size: 17 kDa



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.



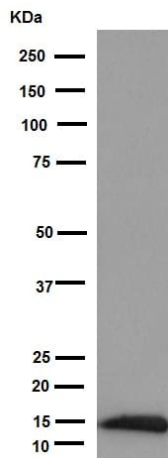
Western blot - Anti-MGST3 antibody [EPR12352] (ab192254)

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

Secondary

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

Predicted band size: 17 kDa



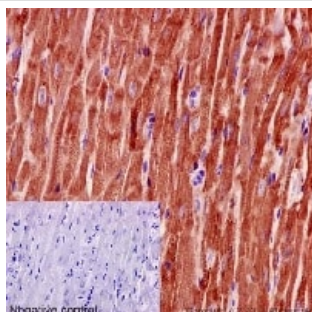
Western blot - Anti-MGST3 antibody [EPR12352]
(ab192254)

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

Secondary

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

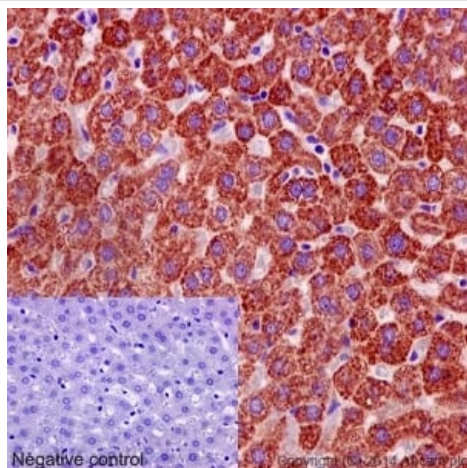
Predicted band size: 17 kDa



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).

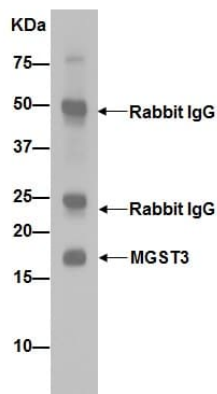
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH
9.0 before commencing with IHC staining protocol.



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)

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-MGST3 antibody [EPR12352] (ab192254)

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

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