

Product datasheet

Anti-glutathione S transferase Omega 1/p28 antibody [EPR8371(B)] ab131262

Recombinant RabMAb

[3 Images](#)

Overview

Product name	Anti-glutathione S transferase Omega 1/p28 antibody [EPR8371(B)]
Description	Rabbit monoclonal [EPR8371(B)] to glutathione S transferase Omega 1/p28
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF Unsuitable for: Flow Cyt, IHC-P or IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human fetal liver tissue lysate, Jurkat and HeLa cell lysates; Jurkat cells
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>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
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	EPR8371(B)
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab131262 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 31 kDa (predicted molecular weight: 28 kDa).
ICC/IF		1/50 - 1/100.

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

Target

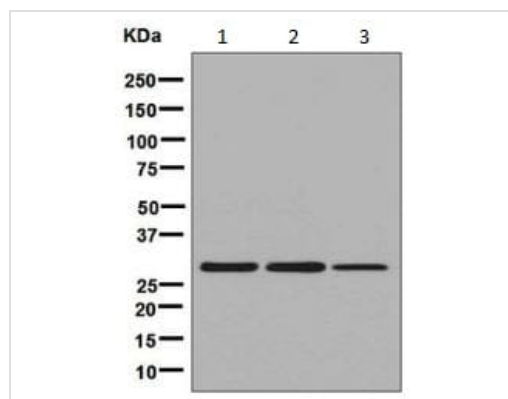
Function Exhibits glutathione-dependent thiol transferase and dehydroascorbate reductase activities. Has S-(phenacyl)glutathione reductase activity. Has also glutathione S-transferase activity. Participates in the biotransformation of inorganic arsenic and reduces monomethylarsonic acid (MMA) and dimethylarsonic acid.

Tissue specificity Ubiquitous. Highest expression in liver, pancreas, skeletal muscle, spleen, thymus, colon, blood leukocyte and heart. Lowest expression in brain, placenta and lung.

Sequence similarities Belongs to the GST superfamily. Omega family.
Contains 1 GST C-terminal domain.
Contains 1 GST N-terminal domain.

Cellular localization Cytoplasm > cytosol.

Images



Western blot - Anti-glutathione S transferase Omega 1/p28 antibody [EPR8371(B)] (ab131262)

All lanes : Anti-glutathione S transferase Omega 1/p28 antibody [EPR8371(B)] (ab131262) at 1/1000 dilution

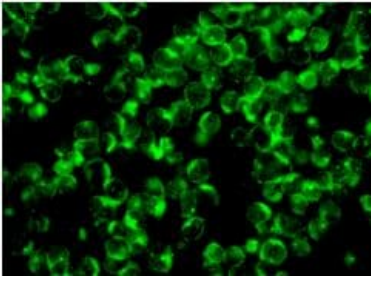
Lane 1 : Human fetal liver tissue lysate

Lane 2 : Jurkat cell lysate

Lane 3 : HeLa cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 28 kDa



Immunofluorescent staining of Jurkat cells labelling glutathione S transferase Omega 1/p28 with ab131262 at 1/50 dilution.

Immunocytochemistry/ Immunofluorescence - Anti-glutathione S transferase Omega 1/p28 antibody [EPR8371(B)] (ab131262)

Why choose a recombinant antibody?



Anti-glutathione S transferase Omega 1/p28 antibody [EPR8371(B)] (ab131262)

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

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