

Product datasheet

Anti-Glutathione S Transferase mu antibody [EPR1936(2)] ab108524

Recombinant RabMAb

★★★★★ [3 Abreviews](#) [2 References](#) [5 Images](#)

Overview

Product name	Anti-Glutathione S Transferase mu antibody [EPR1936(2)]
Description	Rabbit monoclonal [EPR1936(2)] to Glutathione S Transferase mu
Host species	Rabbit
Specificity	This is an Anti-GSTM1 antibody, but its immunogen shares 85% homology with GSTM5. Cross-reactivity with GSTM5 has not been confirmed experimentally.
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, ICC/IF or IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: HeLa, HepG2, SH-SY5Y and NIH/3T3 cell lysates.
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 +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 0.05% BSA, 59% PBS
Purity	Protein A purified

Clonality	Monoclonal
Clone number	EPR1936(2)
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab108524 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

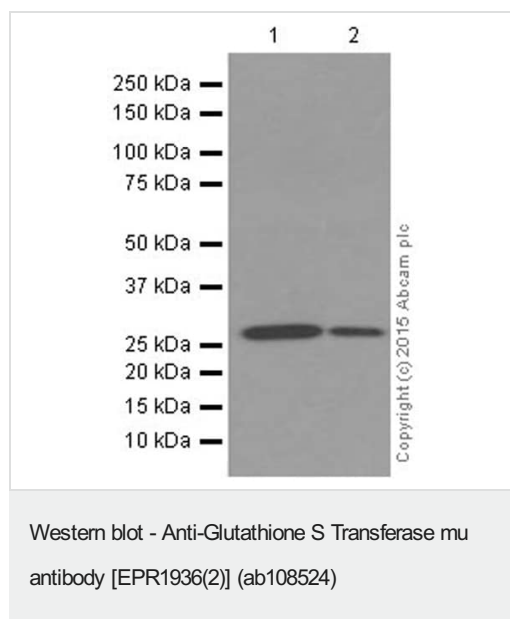
Application	Abreviews	Notes
WB	★★★★★ (3)	1/1000 - 1/10000. Predicted molecular weight: 26 kDa.

Application notes Is unsuitable for Flow Cyt, ICC/IF or IP.

Target

Function	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.
Tissue specificity	Liver (at protein level).
Sequence similarities	Belongs to the GST superfamily. Mu family. Contains 1 GST C-terminal domain. Contains 1 GST N-terminal domain.
Cellular localization	Cytoplasm.

Images



All lanes : Anti-Glutathione S Transferase mu antibody [EPR1936(2)] (ab108524) at 1/1000 dilution (purified)

Lane 1 : HeLa whole cell lysate

Lane 2 : SH-SY5Y whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/50000 dilution

Predicted band size: 26 kDa

Observed band size: 26 kDa

Blocking and dilution buffer: 5% NFDM/TBST

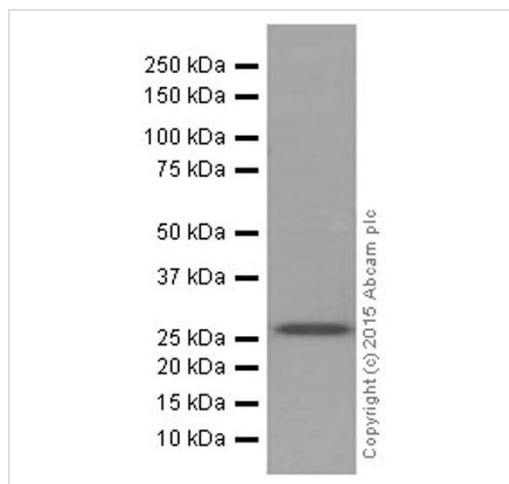
Anti-Glutathione S Transferase mu antibody [EPR1936(2)]
(ab108524) at 1/10000 dilution (purified) + NIH/3T3 whole cell
lysate at 20 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/50000 dilution

Predicted band size: 26 kDa

Observed band size: 26 kDa



Western blot - Anti-Glutathione S Transferase mu
antibody [EPR1936(2)] (ab108524)

Blocking and dilution buffer: 5% NFDM/TBST

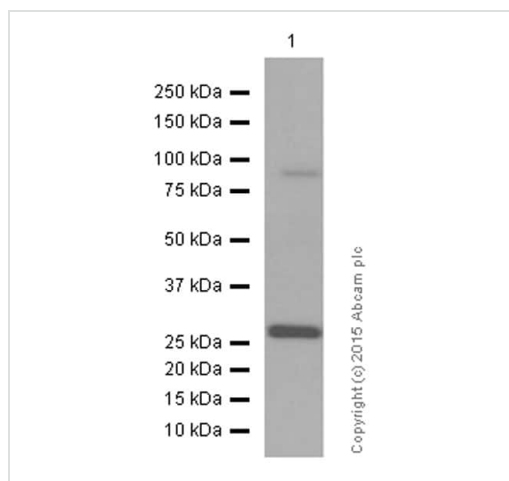
Anti-Glutathione S Transferase mu antibody [EPR1936(2)]
(ab108524) at 1/10000 dilution (purified) + PC-12 whole cell lysate
at 20 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/50000 dilution

Predicted band size: 26 kDa

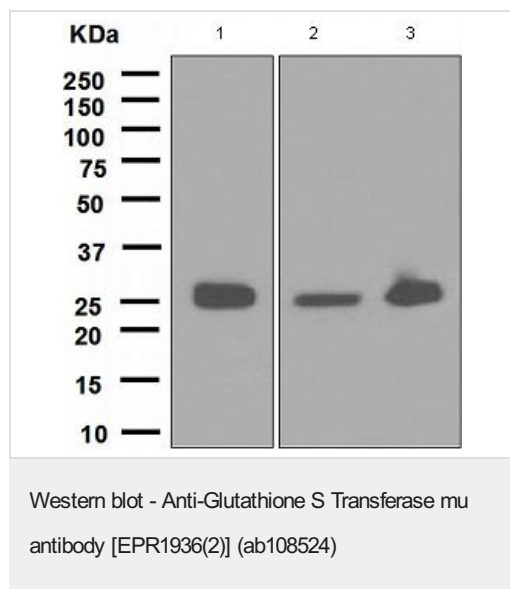
Observed band size: 26 kDa



Western blot - Anti-Glutathione S Transferase mu
antibody [EPR1936(2)] (ab108524)

Exposure time: 30 seconds

Blocking and dilution buffer: 5% NFDM/TBST.



All lanes : Anti-Glutathione S Transferase mu antibody [EPR1936(2)] (ab108524) at 1/1000 dilution (unpurified)

Lane 1 : HeLa cell lysate

Lane 2 : HepG2 cell lysate

Lane 3 : SH-SY5Y cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 26 kDa

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-Glutathione S Transferase mu antibody [EPR1936(2)] (ab108524)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors