

Datasheet for ABIN6939573

anti-GSTM1 antibody

4 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	GSTM1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GSTM1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Recombinant human full-length GSTMu1 protein
Clone:	CPTC-GSTMu1-3
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

Target Details

Target:	GSTM1
Alternative Name:	GSTMu1 (GSTM1 Products)
Molecular Weight:	predicted: 26kDa, observed: 33kDa
Gene ID:	2944
UniProt:	P09488

Target Details

Pathways: [Negative Regulation of Transporter Activity](#)

Application Details

Application Notes: Positive Control: HeLa, MCF7, HepG2, Kidney and liver.
Known Application: Western Blot (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (0.5-1 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

Preservative: Sodium azide

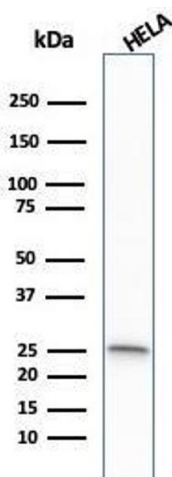
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-80 °C

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

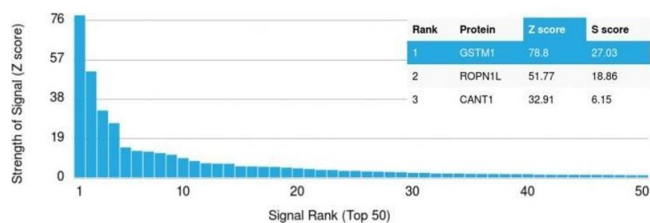
Expiry Date: 24 months

Images



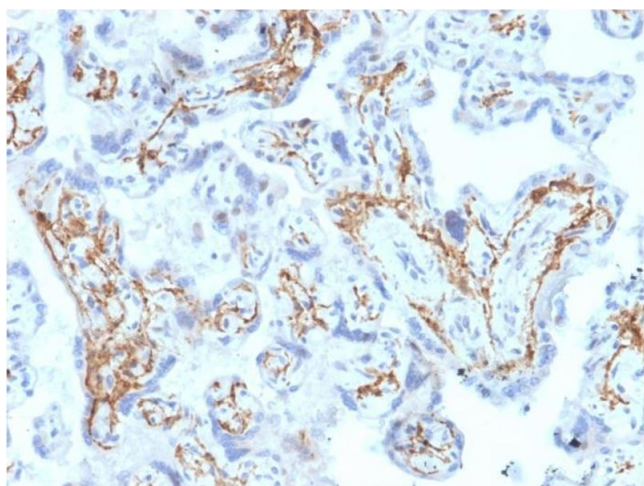
Western Blotting

Image 1. Western Blot Analysis of HeLa cell lysate using GSTM1 Mouse Monoclonal Antibody (GSTMu1-3).



Protein Array

Image 2. Analysis of Protein Array containing more than 19,000 full-length human proteins using Glutathione S-Transferase Mu1 (GSTM1) Mouse Monoclonal Antibody (CPTC-GSTMu1-3). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Placenta stained with GSTM1 Mouse Monoclonal Antibody (GSTMu1-3).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6939573.