

Product Datasheet

Glutathione S-Transferase mu 1/GSTM1 Antibody (1H4F2) - BSA Free NBP2-22186

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-22186

Glutathione S-Transferase mu 1/GSTM1 Antibody (1H4F2) - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1H4F2
Preservative	0.03% Sodium Azide
Isotype	IgG1
Purity	Unpurified
Buffer	Ascites
Target Molecular Weight	26 kDa

Product Description

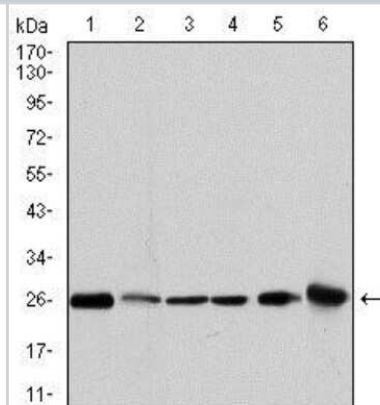
Host	Mouse
Gene ID	2944
Gene Symbol	GSTM1
Species	Human, Rat
Immunogen	Purified recombinant fragment of human Glutathione S-Transferase mu 1/GSTM1 expressed in E. Coli.

Product Application Details

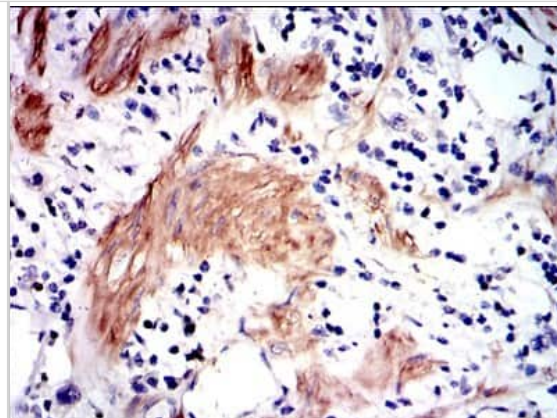
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200-1:1000

Images

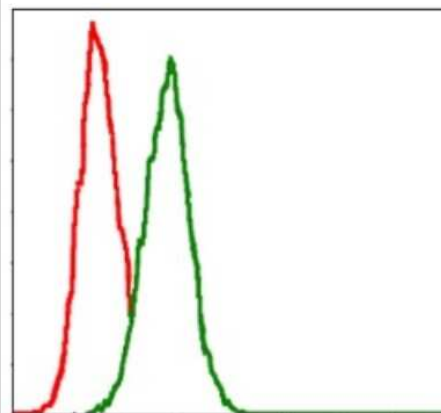
Western Blot: Glutathione S-Transferase mu 1/GSTM1 Antibody (1H4F2) [NBP2-22186] - Western blot analysis using GSTM1 mouse mAb against MCF-7 (1), PC-12 (2), Jurkat (3), Hela (4), HL7702 (5) and HepG2 (6) cell lysate.



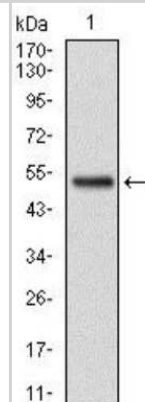
Immunohistochemistry-Paraffin: Glutathione S-Transferase mu 1/GSTM1 Antibody (1H4F2) [NBP2-22186] - Analysis of stomach cancer tissues using GSTM1 mouse mAb with DAB staining.



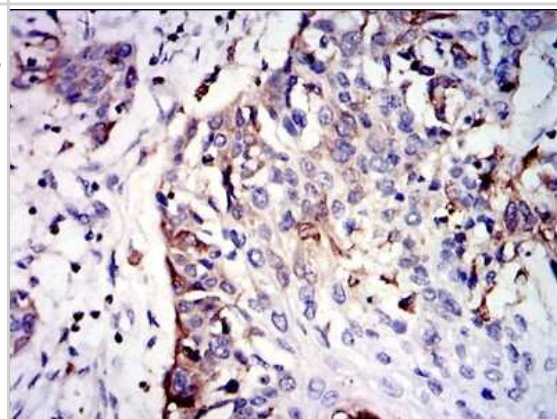
Flow Cytometry: Glutathione S-Transferase mu 1/GSTM1 Antibody (1H4F2) [NBP2-22186] - Flow cytometric analysis of Hela cells using GSTM1 mouse mAb (green) and negative control (red).



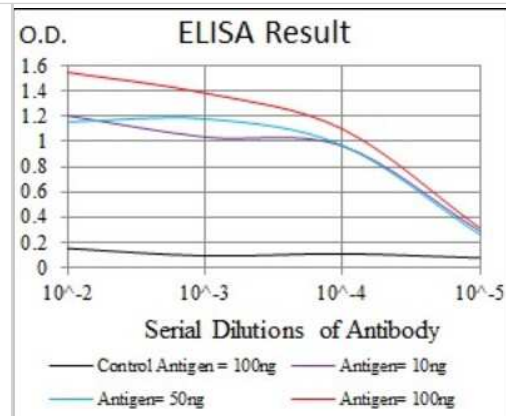
Western Blot: Glutathione S-Transferase mu 1/GSTM1 Antibody (1H4F2) [NBP2-22186] - Western blot analysis using GSTM1 mAb against human GSTM1 (AA: 23-181) recombinant protein. (Expected MW is 25.7 kDa)



Immunohistochemistry-Paraffin: Glutathione S-Transferase mu 1/GSTM1 Antibody (1H4F2) [NBP2-22186] - Analysis of esophageal cancer tissues using GSTM1 mouse mAb with DAB staining.



ELISA: Glutathione S-Transferase mu 1/GSTM1 Antibody (1H4F2)
[NBP2-22186] - Red: Control Antigen (100ng); Purple: Antigen (10ng);
Green: Antigen (50ng); Blue: Antigen (100ng)



Publications

Huang YC, Lai JC, Peng PH Et al. Chromatin accessibility analysis identifies GSTM1 as a prognostic marker in human glioblastoma patients Clinical epigenetics 2021-11-03 [PMID: 34732244] (IHC-P, Human)

Kural C, kaya kocdogan A, Simsek GG et al. Glutathione S-Transferases and Cytochrome P450 enzyme expression in patients with Intracranial Tumors: Preliminary Report of 55 Patients. Med Princ Pract. 2018-10-15 [PMID: 30321868] (IHC-P, Human)

Basak K, Basak PY, Doguc DK et al. Does maternal exposure to artificial food coloring additives increase oxidative stress in the skin of rats?. Hum Exp Toxicol. 2016-11-16 [PMID: 27852938] (Rat)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-22186

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-46827PEP	Glutathione S-Transferase mu 1/GSTM1 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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