

Rabbit GST3/GSTP1 Monoclonal Antibody | anti-GST3 antibody

Anti-GST3/GSTP1 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA19183	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

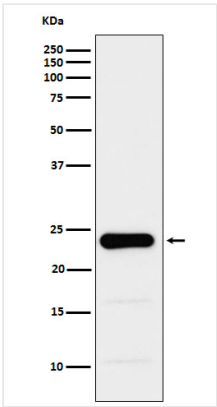
PRODUCT SYNONYMS

GST3/GSTP1; Monoclonal Antibody; Anti-GST3/GSTP1 Monoclonal Antibody; anti-GST3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Affinity-Chromatography
Form/Format	Liquid; phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA
Sequence Length	210
Applicable Applications for anti-GST3 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: QC testing used: WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200
Immunogen	A synthesized peptide derived from human GST3/GST pi Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.
Preparation and Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)

Figure 1. Western blot analysis of GSTP1 using anti-GSTP1 antibody (AAA19183). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-GSTP1 antigen affinity purified polyclonal antibody at 0.5 ug/mL overnight at 4°C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-Rabbit IgG IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for GSTP1.

ADDITIONAL INFORMATION

Related Product Information for anti-GST3 antibody	Anti-GST3 / GSTP1 Monoclonal Antibody catalog # MBS1751952. Tested in Immunofluorescence (IF), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Western Blot (WB) applications. This antibody reacts with Human, Mouse, Rat.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504183
NCBI GeneID	2950
NCBI Accession #	NP_000843.1
NCBI GenBank Nucleotide #	NM_000852.3
UniProt Accession #	P09211 ; O00460 ; Q15690 ; Q5TZY3
NCBI Official Full Name	glutathione S-transferase P
NCBI Official Synonym Full Names	glutathione S-transferase pi 1
NCBI Official Symbol	GSTP1
NCBI Official Synonym Symbols	PI; DFN7; GST3; GSTP; FAEES3; HEL-S-22
NCBI Protein Information	glutathione S-transferase P
UniProt Protein Name	Glutathione S-transferase P
UniProt Gene Name	GSTP1
UniProt Synonym Gene Names	FAEES3; GST3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

