

Product datasheet for **TA328084**

Mgst1 Mouse Monoclonal Antibody [Clone ID: P1A12]

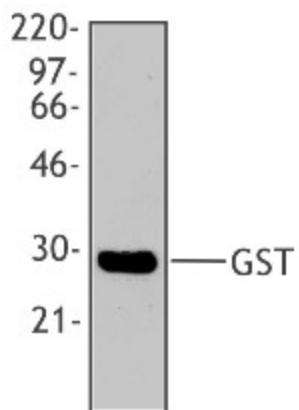
Product data:

Product Type:	Primary Antibodies
Clone Name:	P1A12
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b, kappa
Clonality:	Monoclonal
Immunogen:	Recombinant full length GST
Formulation:	This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide. Final antibody concentration is 0.5 mg/ml.
Concentration:	lot specific
Purification:	The antibody was purified by affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	22-29 kD
Gene Name:	microsomal glutathione S-transferase 1
Database Link:	NP_064330 Entrez Gene 4257 Human Q91VS7
Background:	GST catalyzes the conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles, resulting in the detoxification of these compounds. Human GST molecules are classified into four families: alpha, mu, pi, and theta. GST is commonly used as a tag to create fusion proteins in order to facilitate purification and detection of these proteins of interest.
Synonyms:	GST12; MGC14525; MGST; MGST-I



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Product images:



Western blot analysis of recombinant GST protein from *E. coli*, using anti-GST, clone P1A12.