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Product datasheet for TA396783

GSTO1 Mouse Monoclonal Antibody [Clone ID: 14A9.F6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	14A9.F6
Applications:	ELISA, IHC, IP, WB
Recommended Dilution:	**WB**: 1:500 - 1:1000 **IHC**: User Optimized **ELISA**: 1:50,000 - 1:200,000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	This Protein A purified antibody was prepared by repeated immunizations in mice with O1 Protein
Specificity:	This product is purified from roller bottle culture by Protein A chromatography followed by extensive dialysis against the buffer stated above. Reacts specifically with O1 protein. Cross reactivity from other sources has not been determined.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	1.0 mg/ml - lot specific
Conjugation:	Unconjugated
Storage:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Stability:	Expiration date is one (1) year from date of receipt.
Database Link:	P78417

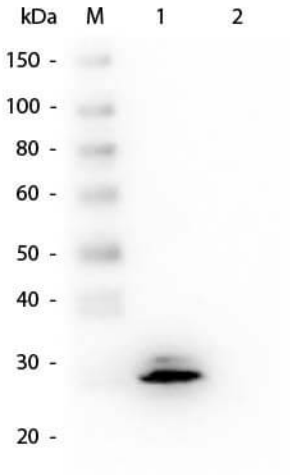
View online »

Background: Rockland produces a wide range of human GST antibodies in our laboratories. Select appropriate GST antibodies for your research by isotype, epitope, applications and species reactivity. There are 22 members of the human GST family of proteins. GST is responsible for the conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. The amino acid sequence GST is highly conserved in most organisms including mammals. GSTs proteins are typically homodimeric, with both heterologous GST dimers have been observed. GST monomers have an average molecular weight of approximately 25-28 kDa in size. Note a different form of non-human GST (Glutathione-S-Transferase) is used as a protein expression tag commonly in molecular biology applications. All anti-GST antibodies my not react with recombinant GST-fusion proteins.

Synonyms: mouse anti-GSTO1 antibody, mouse anti-GST-O1 antibody, GST, Glutathione S-Transferases, O1 Antibody, GSTO1

Note: Anti-GSTO1 antibody has been tested by ELISA and Western Blot. Suitable for most immunological techniques requiring high titer binding and lot-to-lot consistency. Specific conditions for reactivity should be optimized by the end user.

Product images:



Western Blot of Mouse anti-GSTO1 Monoclonal Antibody. Lane 1: Recombinant GSTO1 protein. Lane 2: GST (p/n 000-001-200). Load: 50 ng per lane. Primary antibody: Mouse anti-GSTO1 Monoclonal Antibody at 1:1,000 overnight at 4°C. Secondary antibody: HRP Mouse Secondary Antibody (610-403-C46) at 1:40,000 for 30 min at RT. Block: (p/n MB-070) for 30 min at RT. Predicted/Observed size: 27 kDa, 27 kDa for GSTO1.