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Datasheet for ABIN5706871 **anti-HPGDS antibody (GST tag)**

Overview

Quantity:	100 µg
Target:	HPGDS
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HPGDS antibody is conjugated to GST tag
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	<p>Immunogen: This Protein A purified antibody was prepared by repeated immunizations in mice with S1 Protein</p> <p>Immunogen Type: Recombinant Protein</p>
Isotype:	IgG
Characteristics:	<p>Synonyms: mouse anti-GSTS1 antibody, mouse anti-GST-S1 antibody, GST, Glutathione S-Transferases, S1 Antibody, GSTS1</p> <p>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</p>

Product Details

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 may not react with recombinant GST-fusion proteins.

Purification: This product is purified from roller bottle culture by Protein A chromatography followed by extensive dialysis against the buffer stated above. Reacts specifically with S1 protein. Cross reactivity from other sources has not been determined.

Target Details

Target: HPGDS

Alternative Name: GSTS1 ([HPGDS Products](#))

Application Details

Application Notes: Immunohistochemistry Dilution: User Optimized
Application Note: This antibody is useful in 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.
Western Blot Dilution: 1:500 - 1:1000
Immunoprecipitation Dilution: User Optimized
ELISA Dilution: 1:50,000 - 1:200,000

Comment: Strain: Mouse - Mixed

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Stabilizer: None

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, -20 °C

Expiry Date: 12 months