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anti-GSTM3 antibody (GST tag)



Image



Overview	
Quantity:	100 μg
Target:	GSTM3
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GSTM3 antibody is conjugated to GST tag

Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

Application:

Product Details	
Immunogen:	Immunogen: This Protein A purified antibody was prepared by repeated immunizations in mice with M3 Protein Immunogen Type: Recombinant Protein
Clone:	20C11-H5-E11
Isotype:	lgG1
Cross-Reactivity (Details):	Reacts specifically with M3 protein. Cross reactivity from other sources has not been determined.
Characteristics:	Strain: Mouse - Mixed
Purification:	This product is purified from roller bottle culture by Protein A chromatography followed by extensive dialysis against the buffer stated above.

Target Details

Target:	GSTM3
Alternative Name:	GSTM3 (GSTM3 Products)
Background:	Synonyms: GST, Glutathione S-Transferases, M3 Antibody, GSTM3
	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.

Application Details

Application Notes:	Immunohistochomistry Dilution:	Hoor Optimized
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Application Note: This antibody is useful in ELISA and Wetern 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

Restrictions: For Research Use only

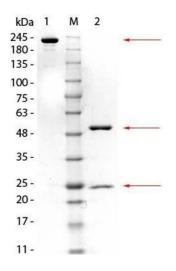
Handling

Format:	Liquid
Concentration:	1.0 mg/mL
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.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	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.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. SDS-PAGE of Mouse anti-GSTM3 Monoclonal Antibody. Lane 1: Non-reduced Mouse anti-GSTM3 Monoclonal Antibody. Lane 2: 3 µL OPAL Pre-stained Marker . Lane 3: Reduced Mouse anti-GSTM3 Monoclonal Antibody. Load: 1 µg per lane. Predicted/Observed size: Non-reduced at 160 kDa/observed at 180-200 kDa; Reduced at 55, 25 kDa. Non-reduced migrates at slightly higher molecular weight.