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Datasheet for 600-405-200

GST Antibody Alkaline Phosphatase Conjugated

Overview

Description:	Anti-GST (RABBIT) Antibody Alkaline Phosphatase Conjugated - 600-405-200
Item No.:	600-405-200
Size:	100 µg
Applications:	ELISA
Reactivity:	GST-Tag
Host Species:	Rabbit

Product Details

Background:	GST (Glutathione-S-Transferase) is a protein expression tag commonly used in molecular biology. Anti-GST will react with synthetic construct present in most known GST containing cloning or expression vectors. 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. GST exists as a 26 kDa homodimer.
Synonyms:	rabbit anti-GST antibody alkaline phosphatase conjugation, alk phos conjugated rabbit anti-GST antibody, Glutathione-S-Transferase
Host Species:	Rabbit
Conjugate:	Alkaline Phosphatase (AP)
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	GST-Tag
Immunogen Type:	Native Protein
Immunogen:	The immunogen is full length GST isolated from Schistosoma japonicum.

Purity/Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using GST coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, anti-Alkaline Phosphatase, as well as purified and partially purified Glutathione-S-Transferase [Schistosoma japonicum]. Cross reactivity against Glutathione-S-Transferase from other sources may occur but has not been specifically determined.

Application Details

Tested Applications:	ELISA
Application Note:	Anti-Glutathione-S-Transferase Alkaline Phosphatase Conjugate has been tested by ELISA and is suitable for western blotting and immunohistochemistry as well as other antibody based assays requiring lot-to-lot consistency.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:2,000-1:10,000
IHC:	1:200-1:1,000
WB:	1:500-1:2,500

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	0.5 mg/mL by UV absorbance at 280 nm
Buffer:	0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store vial at 4° C before opening. DO NOT FREEZE. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.
Expiration:	Expiration date is one (1) year from date of receipt.

Images

Disclaimer

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