

ARG62998 anti-GST antibody [S-tag-05]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [S-tag-05] recognizes GST
Tested Reactivity	Other
Tested Application	IP, WB
Specificity	The clone S-tag-05 is a mouse monoclonal antibody with high affinity to the glutathione-S-transferase (GST) from <i>Schistosoma japonicum</i> . This purified antibody is suitable for detecting fusion proteins containing the GST-Tag sequence expressed in <i>E. coli</i> , yeast, mammalian, and in vitro transcription/translation systems.
Host	Mouse
Clonality	Monoclonal
Clone	S-tag-05
Isotype	IgG2b
Target Name	GST
Species	Others
Immunogen	GST fusion protein
Conjugation	Un-conjugated
Alternate Names	Glutathione S-transferase kappa 1; hGSTK1; GST; GST class-kappa; GST13-13; EC 2.5.1.18; Glutathione S-transferase subunit 13; GST13; GST 13-13; GSTK1-1

Application Instructions

Application table	Application	Dilution
	IP	Assay-dependent
	WB	1 µg/ml
Application Note	WB: Under reducing condition. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	WB: GST fusion protein.	

Properties

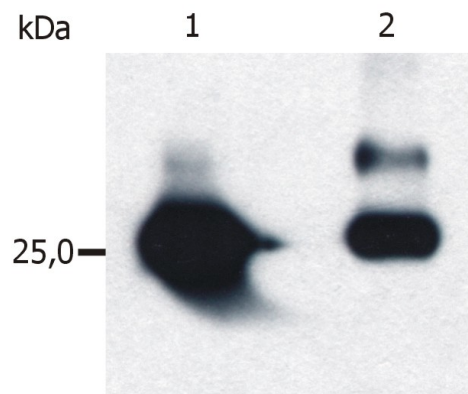
Form	Liquid
Purification	Purified from hybridoma culture supernatant by protein-A affinity chromatography.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4) and 15 mM Sodium azide
Preservative	15 mM Sodium azide

Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	GSTK1
Gene Full Name	glutathione S-transferase kappa 1
Background	<p>The GST (Glutathione-S-Transferase) is a 26kDa protein encoded by the parasite <i>Schistosoma japonicum</i>, easily purified by affinity chromatography on immobilized glutathione. GST is utilized as a fusion protein with foreign proteins in a range of prokaryotic expression vectors, including the pGEX family of vectors.</p> <p>Antibodies against GST will detect the expressed GST protein or a GST-fusion protein, and can be utilized for immuno-purification of GST-fusion proteins.</p>
Function	Significant glutathione conjugating activity is found only with the model substrate, 1-chloro-2,4-dinitrobenzene (CDNB). [UniProt]
Research Area	Cell Biology and Cellular Response antibody; Controls and Markers antibody; Metabolism antibody; Signaling Transduction antibody

Images



ARG62998 anti-GST antibody [S-tag-05] WB image

Western blot: Affinity purified GST from bacterial cell lysate stained with ARG62998 anti-GST antibody [S-tag-05].