



Clone GMA-056

Murine Anti-Glutathione S-Transferase (GST)

GMA-056 binds GST in ELISA and western blots.

Description

Species Reactivity:	
Source:	Murine
Hybridoma:	NS-1 x murine spleen cells (<i>Balb/c</i>)
Specificity:	
Immunogen:	Schistosoma japonicum GST
Isotype:	IgG ₂

Application

Concentration:	Approximately 1-5 µg/ml. Researchers should titer antibody in specific assay.
ELISA:	Binds GST and GST-fusion proteins.
Immunoblotting:	Binds GST (<i>Schistosoma japonicum</i>), approximate molecular weight of 25 kD, under reduced and non-reduced conditions.
Affinity constant (apparent K_D):	
Inhibition:	

Formulation and Storage

Purity:	Confirmed >98% pure by SDS-PAGE
Product Formulation:	Lyophilized from a 1 mg/ml solution with 10 mM NaH ₂ PO ₄ 0.15 M NaCl, 1.0% (w/v) mannitol, pH 7.4. Concentration determined by absorbance measurement at 280 nm and using an extinction coefficient of 1.4 (E _{0.1%}).
Reconstitution:	Reconstitute with deionized water.
Storage:	Aliquot and store at -20° C for prolonged periods. Avoid freeze-thaw cycles. Alternatively, bring to 0.01% (w/v) sodium azide and store at 4° C.
Country of origin:	USA
Size Options:	0.1 mg or 0.5 mg
Lot:	Varies by shipment

Antibody References