

AM26390PU-N**Monoclonal Antibody to GST-Tag - Purified**

Alternate names:	GST26-Tag, Glutathione S-transferase Tag
Quantity:	0.1 mg
Background:	Epitope tagging offers an easy and universal strategy for the identification and purification of proteins derived by recombinant DNA technology. Expression vectors with Glutathione S-transferase (GST) tag have been developed widely for both prokaryotic and eukaryotic systems, because GST can provide both an easily detectable Tag and a simple purification process with little effect on the biological function of the protein encoded by inserted cDNA sequences. Antibodies of anti-GST tag are useful for checking protein expression using immunoblotting, immunoprecipitation and immunostaining techniques, as well as for immunoaffinity purification of protein expressed in vitro.
Host / Isotype:	Mouse / IgG2a
Recommended Isotype Controls:	AM03096PU-N
Clone:	GST62
Immunogen:	A synthetic peptide from GST coupled to KLH
Format:	State: Lyophilized purified IgG fraction Buffer System: PBS, pH 7.4 Preservatives: 0.05% Sodium azide
Applications:	Western blot: 1/1000. Immunoprecipitation: 1/200. Immunostaining: 1/200. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody binds to GST-tagged recombinant protein.
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Recombinant GST protein (20 ng, Lane 1) and 293 cellular lysates transfected with a GST expression vector (Lane 2) were probed with anti-GST (1 µg/ml). Arrow indicates GST (~26kDa) and GST-fusion protein (~29kDa).

