

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

<b>Alternate names:</b>	GST26-Tag, Glutathione S-transferase Tag
<b>Quantity:</b>	0.5 mg
<b>Background:</b>	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.
<b>Host / Isotype:</b>	Mouse / IgG2a
<b>Recommended Isotype Controls:</b>	AM03096PU-N
<b>Clone:</b>	GST62
<b>Immunogen:</b>	A synthetic peptide from GST coupled to KLH
<b>Format:</b>	<b>State:</b> Lyophilized purified IgG fraction <b>Buffer System:</b> PBS, pH 7.4 <b>Preservatives:</b> 0.05% Sodium azide
<b>Applications:</b>	<b>Western blot:</b> 1/1000. <b>Immunoprecipitation:</b> 1/200. <b>Immunostaining:</b> 1/200. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody binds to GST-tagged recombinant protein.
<b>Storage:</b>	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).

