

Product datasheet for **AP23783PU-S**

GST-Tag Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This product has been assayed against 1.0 µg of Glutathione-S-Transferase [Schistosoma japonicum] in a standard Sandwich ELISA using Peroxidase conjugated Affinity Purified Rabbit anti-Goat IgG [H&L] and (ABTS (2,2'-azino-bis-[3-ethylbenzothiazoline-6-sulfonic acid]) as a substrate for 30 minutes at RT. A working dilution of 1/3,000 to 1/15,000 of the reconstitution concentration is suggested for this product.
Reactivity:	Schistosoma japonicum
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Glutathione-S-Transferase [Schistosoma japonicum]
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum 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.
Formulation:	0.02M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2, containing 0.01% (w/v) Sodium Azide State: Aff - Purified State: Liquid (sterile filtered) purified IgG fraction
Purification:	A Multistep process which includes Delipidation, Salt Fractionation and Ion Exchange Chromatography followed by extensive dialysis against the buffer
Conjugation:	Unconjugated



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Storage:	<p>AP23783PU-N: This antibody is stable for one month at 2-8°C as an undiluted liquid. For extended storage aliquot contents and freeze at -20°C or below. Dilute only prior to immediate use. Avoid repeated freezing and thawing. Shelf life: One year from despatch.</p> <p>AP23783PU-S: Store vial at -20°C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1/10 by adding 225 µl of the buffer stated before directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid repeated freezing and thawing.</p>
Stability:	Shelf life: Three months from despatch.
Database Link:	P08515
Background:	GST (Glutathione S-Transferase) is a 26kDa protein encoded by the parasitic helminth <i>Schistosoma japonicum</i> and widely used in the pGEX family of GST plasmid expression vectors as a fusion protein with foreign proteins.
Synonyms:	Glutathione S-transferase Tag, GST26-Tag