

Product datasheet

Anti-GST antibody (Alkaline Phosphatase) ab34728

Overview

Product name	Anti-GST antibody (Alkaline Phosphatase)
Description	Goat polyclonal to GST (Alkaline Phosphatase)
Host species	Goat
Conjugation	Alkaline Phosphatase
Tested applications	Suitable for: ELISA, Dot blot, WB, IP, Conjugation
Species reactivity	Reacts with Schistosoma japonicum. Not yet tested in other species.
Immunogen	Glutathione-S-Transferase (Schistosoma japonicum)

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.1% Sodium Azide Constituents: 50% Glycerol, 10mg/ml BSA, 0.15M Sodium chloride, 0.05M Tris HCl, 1mM Magnesium chloride, 0.1mM Zinc chloride, pH 8
Purity	Immunogen affinity purified
Purification notes	ab34728 underwent solid phase adsorption(s) to remove any unwanted reactivities and extensive dialysis against the storage buffer, after chromatographic step.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab34728** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		
Dot blot		

Application	Abreviews	Notes
WB		
IP		
Conjugation		

Application notes

Conjugation: Use at an assay dependent dilution.
 Dot: Use at an assay dependent dilution.
 ELISA: 1/500 - 1/2,000. Assayed against 1.0 µg of Glutathione-S-Transferase (*Schistosoma japonicum*) in a standard capture ELISA using pNPP p-nitrophenyl phosphate as a substrate for 30 minutes at room temperature.
 IP: Use at an assay dependent dilution.
 WB: Use at an assay dependent dilution. Predicted molecular weight: 26 kDa.

Not yet tested in other applications.
 Optimal dilutions/concentrations should be determined by the end user.

Target

Relevance

GST (Glutathione S-Transferase) is a 26kDa protein encoded by the parasitic helminth *Schistosoma japonicum* and widely used in the pGEX family of GST plasmid expression vectors as a fusion protein with foreign proteins.

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