

Biotin Anti-GST antibody ab71283

[1 References](#) [1 Image](#)

Overview

Product name	Biotin Anti-GST antibody
Description	Biotin Goat polyclonal to GST
Host species	Goat
Conjugation	Biotin
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.
Tested applications	Suitable for: ELISA, WB, IHC-P
Species reactivity	Reacts with: Species independent
Immunogen	Glutathione-S-Transferase [Schistosoma japonicum]
General notes	<p>The antibody was labelled with Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC). Biotin/Protein Ratio: 10-20 BAC molecules per Goat IgG molecule.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

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	<p>pH: 6.50</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 1% BSA, 0.42% Tripotassium orthophosphate, 0.87% Sodium chloride</p>
Purity	Immunogen affinity purified
Purification notes	ab71283 was prepared from monospecific antiserum by immunoaffinity chromatography using

GST coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities and extensive dialysis against the buffer stated above.

Clonality

Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab71283 in the following tested applications.

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

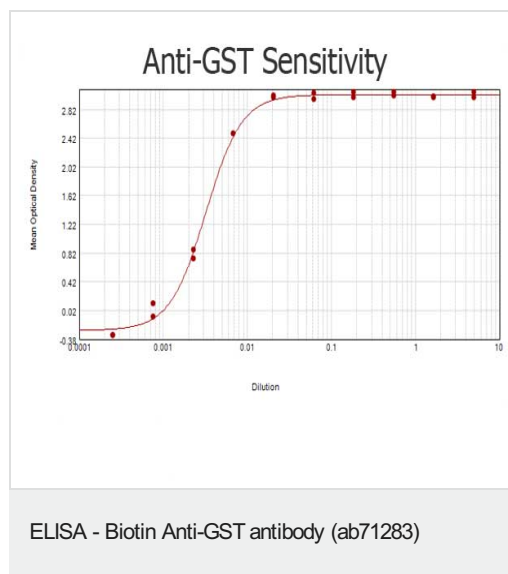
Application	Abreviews	Notes
ELISA		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 25 kDa.
IHC-P		Use at an assay dependent concentration.

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.

Images



ELISA results of ab71283 tested against purified GST. Each well was coated in duplicate with 1.0 µg of GST. The starting dilution of antibody was 5µg/ml and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using 3% fish gelatin as blocking buffer, Streptavidin Peroxidase Conjugated and TMB substrate.

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