

Anti-glutathione-S-transferase (GST) [1C9-B4-A2] Bulk Size Ab02904-23.0-BT

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: 1C9-B4-A2

Alternative Name(s) of Target: Glutathione S-transferase alpha-1; Gsta1; 13-hydroperoxyoctadecadienoate peroxidase; Androst-5-ene-3,17-dione isomerase; GST 1-1; GST 1a-1a; GST A1-1; GST B; Glutathione S-transferase Ya-1; GST Ya1; Ligandin; GST

UniProt Accession Number of Target Protein: P00502

Published Application(s): ELISA

Published Species Reactivity: Species independent

Immunogen: The mouse version of this antibody was generated by immunizing BALB/c mice with GST-9.11 fusion protein.

Specificity: This antibody is specific for both native and denatured GST protein. GST protein is a protein Glutathione S-transferase that catalyzes the nucleophilic attack of the sulfur atom of glutathione on the electrophilic groups of a wide range of exogenous and endogenous compounds.

Application Notes: To make sure fusion proteins were fused to the plastic surface the mouse version of this antibody was used in an ELISA (Ramos and DeSimone, 1996; pmid:8698817). An ELISA was preformed on petri dishes coated with fusion proteins to confirm the absorption of the proteins to the petri dish (Ramos et al, 1996; pmid:8787760).

Antibody First Published in: Ramos and DeSimone. Xenopus embryonic cell adhesion to fibronectin: position-specific activation of RGD/synergy site-dependent migratory behavior at gastrulation J Cell Biol. 1996 Jul;134(1):227-40. [PMID:8698817](#)

Note on publication: Regions of FN required for the attachment and migration of involuting marginal zone (IMZ) cells were analyzed in vitro using FN fusion protein substrates. IMZ cell attachment to FN is mediated by the Arg-Gly-Asp (RGD) sequence located in the type III-10 repeat and by the Pro-Pro-Arg-Arg-Ala-Arg (PPRRAR) sequence in the type III-13 repeat of the Hep II domain.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.