

Product datasheet

Anti-Glutathione S Transferase mu antibody ab53942

★★★★★ [2 Abreviews](#) [10 References](#) [1 Image](#)

Overview

Product name	Anti-Glutathione S Transferase mu antibody
Description	Goat polyclonal to Glutathione S Transferase mu
Host species	Goat
Specificity	ab53942 is specific for Glutathione S Transferase (GST) mu. It reacts with subtype 3-3 (M1) and subtype 4-4 (M2).
Tested applications	Suitable for: ICC/IF, IP, WB
Species reactivity	Reacts with: Mouse, Rat, Rabbit, Hamster, Human
Immunogen	Full length native protein (purified) Rat Glutathione S Transferase mu.
General notes	<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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.05% Sodium azide Constituents: PBS, 0.7% BSA
Purity	IgG fraction
Purification notes	IgG fraction was prepared from the antisera using the caprylic acid precipitation method.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab53942 in the following tested applications.

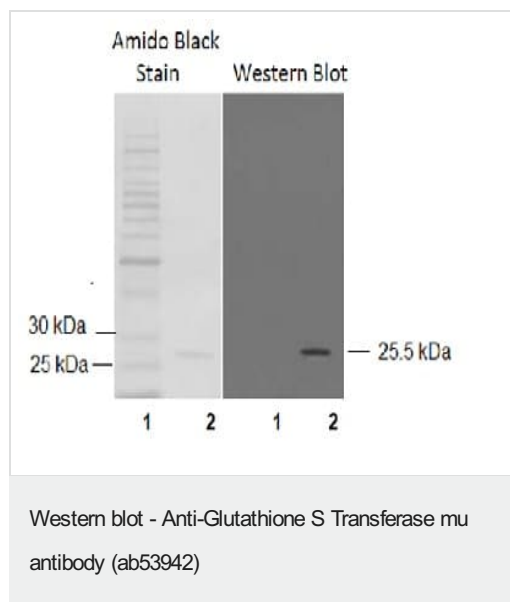
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration. PubMed: 23741294
WB	★★★★★ (2)	1/3000. Detects a band of approximately 33 kDa (predicted molecular weight: 26 kDa).

Target

Function	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.
Tissue specificity	Liver (at protein level).
Sequence similarities	Belongs to the GST superfamily. Mu family. Contains 1 GST C-terminal domain. Contains 1 GST N-terminal domain.
Cellular localization	Cytoplasm.

Images



Lane 1. Molecular weight marker

Lane 2. GST μ standard

A 1:2000 dilution is recommended for ECL method with overnight incubation at room temperature.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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