

OriGene Technologies Inc.

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AM33112PU-N **OriGene EU**

Acris Antibodies GmbH Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info@acris-antibodies.com

Monoclonal Antibody to GST - Purified

Alternate names:	Glutathione-S-Transferase
Catalog No.:	AM33112PU-N
Quantity:	0.1 mg
Concentration:	0.5 mg/ml
Background:	GST catalyzes the conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles, resulting in the detoxification of these compounds.Human GST molecules are classified into four families: alpha, mu, pi, and theta. GST is commonly used as a tag to create fusion proteins in order to facilitate purification and detection of these proteins of interest.
Host / Isotype:	Mouse / IgG2b
Recommended Isotype Controls:	SM12P, AM03110PU-N
Clone:	P1A12
Immunogen:	Recombinant full length GST
Format:	State: Liquid purified IgG fraction Purification: Affinity Chromatography Buffer System: PBS, pH 7.2 Preservatives: 0.09% Sodium Azide
Applications:	Western blot: Use 5 μ g per 5 ml antibody dilution buffer for each mini-gel (See also Reference 1). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	22-29 kDa (Predicted)
Specificity:	This antibody recognizes GST.
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.
General Readings:	1. Nicol C, Bunka DH, Blair GE, Stonehouse NJ. Effects of single nucleotide changes on the binding and activity of RNA aptamers to human papillomavirus 16 E7 oncoprotein. Biochem Biophys Res Commun. 2011 Feb 18;405(3):417-21. doi: 10.1016/j.bbrc.2011.01.044. Epub 2011 Jan 14. PubMed PMID: 21238427.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.



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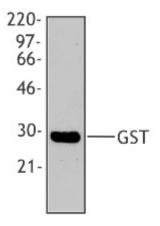
Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com

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AM33112PU-N: Monoclonal Antibody to GST - Purified

Pictures:

Western blot analysis of recombinant GST protein from E. coli, using anti-GST, clone P1A12.



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