

Mouse anti-Human, Mouse GARS Monoclonal Antibody | anti-GARS antibody

GARS Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268689	Mouse	Human, Mouse	Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

GARS; Monoclonal Antibody; GARS Mouse mAb; HMN5; CMT2D; DSMAV; GlyRS; SMAD1; anti-GARS antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Purity/Purification	Protein A/G
Form/Format	PBS with 0.09% (W/V) Sodium Azide, pH 7.3.
Sequence Length	739
Applicable Applications for anti-GARS antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	This GARS antibody is generated from a mouse immunized with a recombinant protein between 15-305 amino acids from human GARS.
Cellular Localization	Cell Projection, Cytoplasm, Secreted
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-GARS antibody	Catalyzes the attachment of glycine to tRNA(Gly). Is also able produce diadenosine tetraphosphate (Ap4A), a universal pleiotropic signaling molecule needed for cell regulation pathways, by direct condensation of 2 ATPs.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116805340
NCBI GeneID	2617
NCBI Accession #	NP_002038.2
NCBI GenBank Nucleotide #	NP_002038.2
UniProt Accession #	P41250
Molecular Weight	83; 82; 72kDa
NCBI Official Full Name	glycine--tRNA ligase isoform 1
NCBI Official Synonym Full Names	glycyl-tRNA synthetase 1
NCBI Official Symbol	GARS1

NCBI Official Synonym Symbols	GARS; HMN5; CMT2D; DSMAV; GlyRS; SMAD1
NCBI Protein Information	glycine--tRNA ligase
UniProt Protein Name	Glycine--tRNA ligase
UniProt Gene Name	GARS
UniProt Synonym Gene Names	AP-4-A synthetase; GlyRS
UniProt Entry Name	SYG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/gars-antibody-flow-cytometry-western-blot-elisa/268689>