

Datasheet for ABIN4909888

anti-GARS antibody**1** Image[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	GARS
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GARS antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	This GARS antibody is generated from a mouse immunized with a recombinant protein between 15-305 amino acids from human GARS.
Clone:	1C6
Isotype:	IgG1
Cross-Reactivity:	Human
Purification:	Purified by Protein G.

Target Details

Target:	GARS
Alternative Name:	GARS (GARS Products)
Background:	Synonyms: HMN5, CMT2D, DSMAV, GlyRS, SMAD1, Glycine--tRNA ligase, Diadenosine

Target Details

tetraphosphate synthetase, AP-4-A synthetase, Glycyl-tRNA synthetase, GARS

Background: 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.

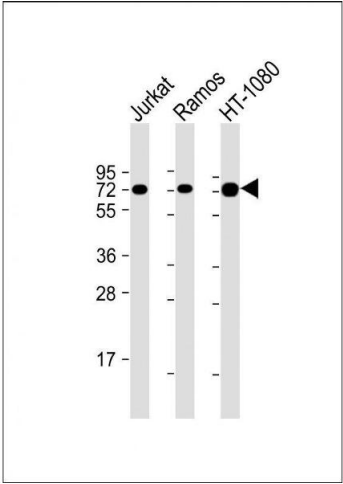
Gene ID:	2617
UniProt:	P41250
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB 1:300-5000 FCM 1:20-100 IF()
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months



Western Blotting

Image 1. Lane 1: Jurkat Cell lysates, Lane 2: Ramos Cell lysates, Lane 3: HT-1080 Cell lysates, probed with GARS (1641CT837.23.96) Monoclonal Antibody, unconjugated (bsm-51350M) at 1:2000 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.