

GARS Monoclonal Antibody

CAB0651

Description

This GARS Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB0651
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	GARS, HMN5, CMT2D, DSMAV, GlyRS, HMN5A, SMAD1, SMAJI, RS
Clone:	ARC0514
Applications:	WB ELISA
Conjugation:	Unconjugated
Reactivity:	Human

Antibody Data

Gene ID:	2617
Uniprot:	AB_2861472
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	83kDa
Calculated MW:	83kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

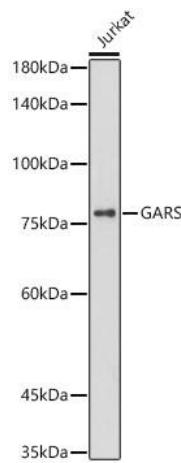
Positive Sample: Jurkat, 293T, Hep G2,

Recommended Dilutions:

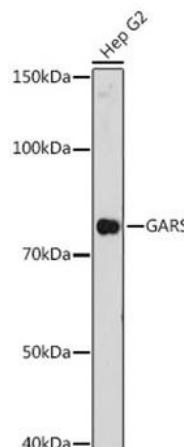
WB	1:500 - 1:1000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of lysates from Jurkat cells, using [KO Validated] GARS Rabbit mAb (CAB0651) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 180s.



Western blot analysis of various lysates, using [KO Validated] GARS Rabbit mAb at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (AbGn00021). Exposure time: 180s.

