

CARS Monoclonal Antibody

CAB0438

Description

This CARS 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:	CAB0438
Contents:	20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	CARS, MDBH, CYSRS, MCDDBH, MGC:11246
Clone:	ARC2504
Applications:	WB IHC-P ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Rat

Antibody Data

Gene ID:	833
Uniprot:	-
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	85kDa
Calculated MW:	85kDa

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.

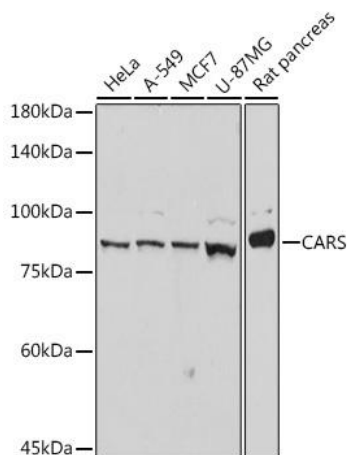
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HeLa, A549, MCF7, U-87MG, Rat pancreas

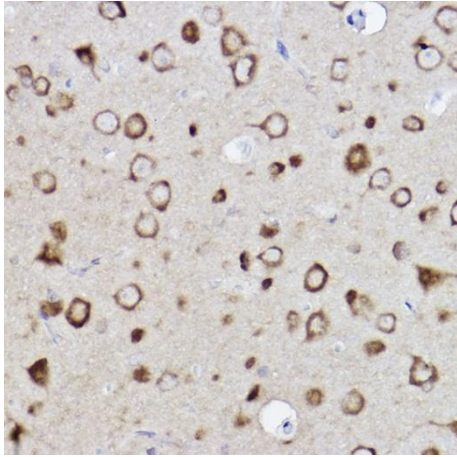
Recommended Dilutions:	WB	1:1000 - 1:5000
	IHC-P	1:50 - 1:200
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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 various lysates using CARS Rabbit mAb (CAB0438) 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: 3s.



Immunohistochemistry analysis of paraffin-embedded Rat brain using CARS Rabbit mAb (CAB0438) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.