

Myelin oligodendrocyte glycoprotein Monoclonal Antibody

CAB3992

Description

This Myelin oligodendrocyte glycoprotein 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:	CAB3992
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	BTN6, BTNL11, MOGIG2, NRCLP7, Myelin oligodendrocyte glycoprotein
Clone:	ARC0879
Applications:	WB IHC-P IF/ICC ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	4340
Uniprot:	AB_2863171
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	28kDa
Calculated MW:	28kDa

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.

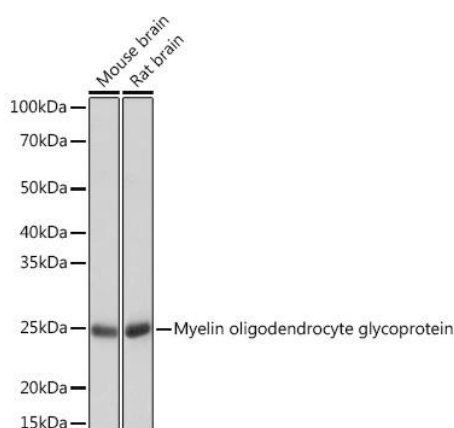
Positive Sample: Mouse brain, Rat brain

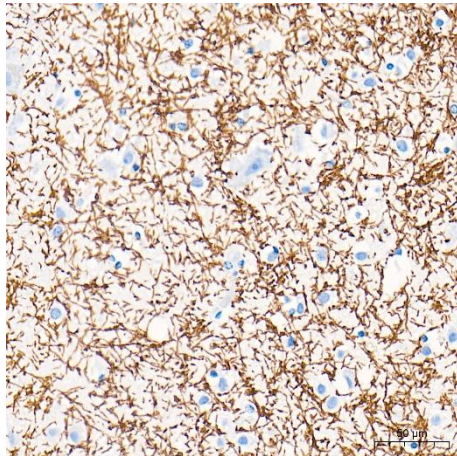
Recommended Dilutions:

WB	1:1000 - 1:6000
IF/ICC	1:50 - 1:200
IHC-P	1:200 - 1:800
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

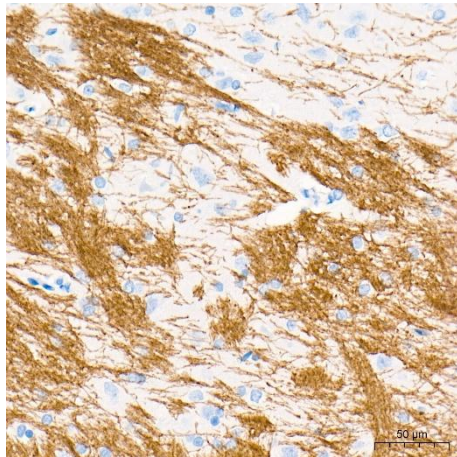
Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data

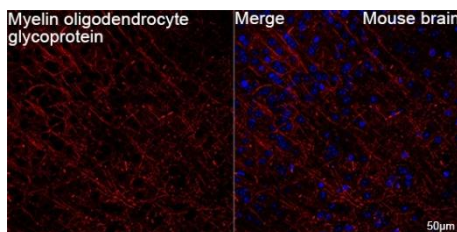




Immunohistochemistry analysis of paraffin-embedded Human brain tissue using Myelin oligodendrocyte glycoprotein Rabbit mAb (CAB3992) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat brain tissue using Myelin oligodendrocyte glycoprotein Rabbit mAb (CAB3992) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Confocal imaging of paraffin-embedded Mouse brain tissue using Myelin oligodendrocyte glycoprotein Rabbit mAb (CAB3992, dilution 1:100) followed by a further incubation with Cy3-conjugated Goat Anti-Rabbit IgG (H+L) (CABS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.