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Datasheet for ABIN7425851
anti-MOG antibody (AA 30-149)

2 Images

Overview

Quantity:	100 µL
Target:	MOG
Binding Specificity:	AA 30-149
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MOG antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Myelin Oligodendrocyte Glycoprotein (MOG)
Immunogen:	Recombinant Myelin Oligodendrocyte Glycoprotein (MOG) corresponding to Gly30~Tyr149 with N-terminal His Tag
Clone:	C2
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against MOG. It has been selected for its ability to recognize MOG in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

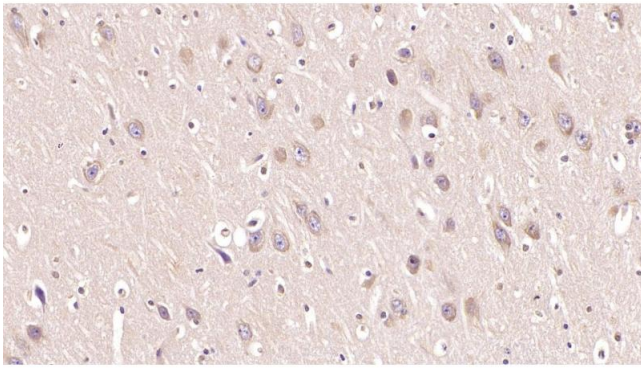
Target:	MOG
Alternative Name:	Myelin Oligodendrocyte Glycoprotein (MOG Products)

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

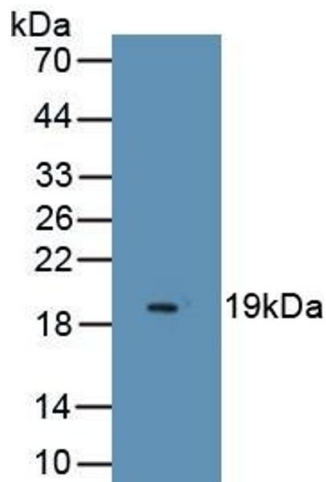
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of MOG in Human Cerebrum Tissue using Monoclonal Antibody to Myelin Oligodendrocyte Glycoprotein (MOG)



Western Blotting

Image 2. Detection of Recombinant MOG, Human using Monoclonal Antibody to Myelin Oligodendrocyte Glycoprotein (MOG)