



# Magic™ Mouse Anti-Human MOG Monoclonal antibody, clone NPH2 (DMAB-CS24590)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	Human MOG
<b>Target</b>	Human MOG
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	NPH2
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA(Det), LFIA, CLIA, TINIA, POCT We recommend the following antibodies for sandwich immunoassay (Capture - Detection): DMAB-CS24589 - DMAB-CS24590
<b>Format</b>	Liquid
<b>Size</b>	1 mg
<b>Buffer</b>	Supplied as a 0.2 µM filtered solution of PBS, PH7.4.
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C to -80°C under sterile conditions. Avoid repeated freeze-thaw cycles.

## BACKGROUND

**Introduction**

MOG is a membrane protein expressed on the oligodendrocyte cell surface and the outermost surface of myelin sheaths. Due to this localization, it is a primary target antigen involved in immune-mediated demyelination. This protein may be involved in completion and maintenance of the myelin sheath and in cell-cell communication. Alternatively spliced transcript variants encoding different isoforms have been identified.

**Keywords**

MOG; myelin oligodendrocyte glycoprotein; BTN6; BTNL11; MOGIG2; NRCLP7; MGC26137