

# 订购热线: 4008-898-798

# Anti-MOG antibody

Cat. No. Package Storage

ml163078 25 µl/100 µl/200 µl -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

**Product overview** Description Applications Immunogen Reactivity Content **Host species** Ig class Purification

Anti-MOG rabbit polyclonal antibody ELISA, WB, IHC Synthetic peptide of human MOG Human, Mouse, Rat 0.6 mg/ml Rabbit Immunogen-specific rabbit IgG Antigen affinity purification

Target information	
Symbol	MOG
Full name	myelin oligodendrocyte glycoprotein
Synonyms	BTN6; BTNL11; MOGIG2; NRCLP7
Swissprot	Q16653
Target Background	duco

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### **Target Background**

The product of this gene 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.



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### Applications

### Immunohistochemistry

Predicted cell location: Cell membrane Positive control: Human breast cancer Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffinembedded Human breast cancer tissue using ml163078(MOG Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: ×200)

### Western blotting

Predicted band size:28 kDa

Positive control:Mouse brain tissue, Rat brain tissue, Human cerebrum tissue, Human cerebella tissue lysates Recommended dilution: 500-2000

#### Gel: 12%SDS-PAGE

Lysate: 40 µg

Lane 1-4: Mouse brain tissue, Rat brain tissue, Human cerebrum tissue,

Human cerebella tissue lysates

Primary antibody: ml163078(MOG Antibody) at dilution 1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution elisakit P

Exposure time: 3 seconds

kDa 1 2 з 4 36 28 17 10

**ELISA** 

Recommended dilution: 2000-5000

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