

DATASHEET

Version: 2016-08-17

MOG Antibody, pAb, Rabbit

Cat. No.: A01660-40

Size: 40 µg

Synonyms: Myelin oligodendrocyte glycoprotein Antibody, pAb, Rabbit;

Description:

MOG (Myelin oligodendrocyte glycoprotein) is a minor component of the myelin sheath and is implicated in completion and maintenance of the myelin sheath and in cell-cell communication. It is found on the surface of myelinating oligodendrocytes and external lamellae of myelin sheaths in the central nervous system.

GenScript **MOG Antibody, pAb, Rabbit** is developed in rabbit using a KLH-coupled synthetic peptide within residues 50-100 of human MOG (Swiss Prot: Q16653).

Immunogen: KLH-coupled synthetic peptide within residues 50-100 of human MOG (Swiss Prot: Q16653).

Host: Rabbit

Antigen Synonyms: Human

Conjugation: Unconjugated

Predicated Band Size:

28 KD

Observed Band Size:

28 KD

Formulation:

0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide

Ig Subclass: IgG

Specificity: GenScript **MOG Antibody, pAb, Rabbit** detects endogenous levels of mouse and rat MOG protein. Predicted to react with human MOG protein according to sequence homology.

Positive Control: Mouse brain and rat brain

Purification: Immunoaffinity chromatography

Applications:

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

Western blot: 1-2 µg/ml

Other Applications: user optimized

Species Reactivity: Mouse and rat. Reactivity to other species has not been tested yet.

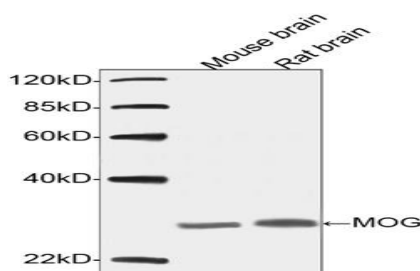
Reconstitution:

Reconstitute the lyophilized powder with deionized water (or equivalent) to an antibody concentration of 0.5 mg/ml.

Storage:

The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Example



Western blot analysis of tissue lysates using MOG Antibody, pAb, Rabbit (GenScript, A01660, 1 µg/ml)
The signal was developed with IRDye™ 800 Conjugated Goat Anti-Rabbit IgG.
Predicted Size: 28 KD
Observed Size: 28 KD