



Everest Biotech Ltd
Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD, UK

www.everestbiotech.com

info@everestbiotech.com
sales@everestbiotech.com

Tel +44 1869 238326
Fax +44 1869 238327

**Research Use Only. Not
for diagnostic or
therapeutic use.**

Storage: Aliquot and store at
-20°C. Minimize freezing and
thawing.

Product: EB07105 – Goat anti-OMG

*This product is one of a range of **Investigative Grade** antibodies, made against targets that have limited or no commercial antibodies available to them and for which there are no data on the expression of the protein in the range of common cell lines and tissues available to us. These antibodies are affinity purified using their peptide immunogen and are known to give low background staining in a western blot (see Application Notes below). However no additional claims are made for their ability to recognise native protein in any application.*

Target Protein

Principal Names: OMG; oligodendrocyte myelin glycoprotein; HGNC:8135; OMGP

Official Gene Symbol: OMG

Accession Number(s): NP_002535.3

Human Gene ID(s): 4974

Immunogen

Peptide with sequence C-KVTKIPKQYRTKE, from the internal region of the protein sequence according to NP_002535.3

Purification

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied as 100 µg of purified antibody. 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128,000. Western Blot: Preliminary experiments in Human Brain, Duodenum and Testes lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

Species Reactivity

Tested:

Expected from sequence similarity: Human

Background Reference

McGee AW, Yang Y, Fischer QS, Daw NW, Strittmatter SM.

Experience-driven plasticity of visual cortex limited by myelin and Nogo receptor.

Science. 2005 Sep 30;309(5744):2222-6.

PMID: 16195464