

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse OMgp in direct ELISAs and Western blots. In direct ELISAs and Western blots, 100% cross-reactivity with recombinant human OMgp is observed.
Source	Monoclonal Rat IgG ₁ Clone # 240527
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse OMgp Ile25-Ser420 Accession # Q63912
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

OMgp is a GPI-anchored protein derived from myelin. It is expressed on oligodendrocytes and neurons and binds to a receptor complex consisting of the Nogo receptor and the p75 neurotrophin receptor, NGF R. OMgp is active in the inhibition of axonal outgrowth as well as regeneration following injury.

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