

Anti-NgR1 [M5] Standard Size Ab00375-1.1

This chimeric mouse antibody was made using the variable domain sequences of the original Rabbit IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG1, Kappa

Clone Number: M5

Alternative Name(s) of Target: Nogo-66 Receptor

UniProt Accession Number of Target Protein: Q86UN2

Published Application(s): IP, WB, ELISA, FC

Published Species Reactivity: Rat, Human, Mouse

Immunogen: (His)6-tagged fragment of rat NgR1 (amino acids 278-473).

Specificity: The antibody binds to human and rat NgR1 with a K_d of 2.9 nM for both species (bivalent binding).

Application Notes: The antibody binds specifically to residues 379-448 of NgR1, a member of the Nogo-66 receptor family which inhibits axonal growth and sporulating in the CNS.

Antibody First Published in: Hofer et al. Chimeric Rabbit/Human Fab and IgG Specific for Members of the Nogo-66 Receptor Family Selected for Species Cross-Reactivity with an improved Phage Display Vector. Journal of Immunological Methods 2008; 318(1-2):75-87 [PMID:17140598](#)

Note on publication: Describes the generation of two monoclonal rabbit antibodies against members of the Nogo-66 receptor family.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.