

Anti-NgR1 [M5] Standard Size Ab00375-2.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

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 IgG2a, [Fc Silent™](#), 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.