

Anti-NgR2 [P14] Bulk Size Ab00376-2.3-BT

Recombinant monoclonal antibody to NgR2. Manufactured using AbAb's Recombinant Platform with variable regions (i.e. specificity) from the hybridoma P14. This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

Isotype and Format: Mouse IgG2a, Fc Silent™, Kappa

Clone Number: P14

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

UniProt Accession Number of Target Protein: Q86UN3

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

Published Species Reactivity: Rat, Human, Mouse

Immunogen: (His)6-tagged fragment of rat NgR2 (amino acids 279-420).

Specificity: The antibody binds to human NgR2 with a Kd of 2.3 nM and to rat NgR2 with a Kd of 0.48 nM (bivalent binding).

Application Notes: The antibody binds specifically to residues 351-399 of NgR2, 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: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.