

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human NgR3/NgRH2 in Western blots. In Western blots, approximately 10% cross-reactivity with recombinant human (rh) NgRH1 is observed and less than 1% cross-reactivity with rhNgR is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human NgR3/NgRH2 Cys25-Ala419 Accession # Q86UN2
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein. See Certificate of Analysis for details.

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.

	Recommended Concentration	Sample
Western Blot	0.1 µg/mL	Recombinant Human NgR3/NgRH2

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

NgR3, also known as Nogo 66 receptor homolog 2 (NgRH2) and reticulon 4 receptor-like 1 (RTN4RL1), is a 60 kDa GPI-linked glycoprotein belonging to the family of leucine-rich repeat (LRR) proteins. It contains eight central LRRs that are flanked by a LRR N-terminal subdomain and a cysteine-rich C-terminal subdomain. Human NgR3 shares approximately 89% amino acid sequence homology with the mouse or rat protein.