

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Nectin-3 in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 50% cross-reactivity with recombinant human Nectin-3 is observed and less than 2% cross-reactivity with recombinant mouse (rm) Nectin-1
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Nectin-3 Leu56-Asp400 Accession # Q9JLB9.1
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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

Nectin-3, also known as poliovirus receptor-related 3, is a 95 kDa type I transmembrane glycoprotein belonging to the Nectin family of Ig superfamily proteins. The extracellular domains of the Nectin family form cis-homodimers that are homophilic and heterophilic trans-interacting cell adhesion molecules, which play important roles in various cell-cell junctions. Mouse Nectin-3 extracellular domain shares 96% and 94% amino acid sequence identity with that of rat and human Nectin-3, respectively.

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