

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Nectin-4 in direct ELISAs and Western blots. In direct ELISAs and Western blots, 100% cross-reactivity with recombinant human Nectin-4, 10% cross-reactivity with recombinant mouse (rm) Nectin-3, and no cross-reactivity with rmNectin-1 o
Source	Monoclonal Rat IgG _{2A} Clone # 356704
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Nectin-4 Tyr28-Ile349 Accession # Q8R007
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-4 is a type I transmembrane glycoprotein belonging to the Nectin family of Ig superfamily proteins. It is both a homophilic and heterophilic (with Nectin-1) cell adhesion molecule that is expressed in the embryo and in breast carcinoma. A soluble form of Nectin-4 is generated from the membrane protein via the action of TACE/ADAM-17. The extracellular domain of mouse Nectin-4 shares 90% and 95% amino acid sequence homology with the corresponding regions of human and rat Nectin-4, respectively.

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