

Product datasheet for **AM26324FC-N**

Nectin2 (extracell. dom.) Rat Monoclonal Antibody [Clone ID: 502-57]

Product data:

Product Type:	Primary Antibodies
Clone Name:	502-57
Applications:	ELISA, IHC, IP, WB
Recommended Dilution:	Immunohistochemistry on frozen sections. Flow cytometry: The typical starting working dilution is 1:10. Fixation with PFA or acetone/methanol is recommended. Immunoassays. Immunoprecipitation: The typical starting working dilution is 1:10. Fixation with PFA or acetone/methanol is recommended. Western blot: The typical starting working dilution is 1:10. Fixation with PFA or acetone/methanol is recommended.
Reactivity:	Human, Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Extracellular domain of mouse nectin-2
Specificity:	This antibody detects Nectin-2 at extracellular domain.
Formulation:	PBS Label: FITC State: Liquid Ig fraction Stabilizer: 0.1% bovine serum albumin Preservative: 0.02% sodium azide
Concentration:	lot specific
Purification:	Protein G
Conjugation:	FITC
Storage:	Store at 2 - 8 °C.
Stability:	Shelf life: one year from despatch.
Gene Name:	nectin cell adhesion molecule 2



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Database Link: [Entrez Gene 19294 Mouse P32507](#)

Background: Nectin (originally isolated as poliovirus receptor-related protein (PRR)) is a cell-cell adhesion molecule of the immunoglobulin supergene family. Nectin is colocalized with afadin at cadherin-based cell-cell adherence junctions in various tissues and cell lines. The nectin family consist of nectin-1, nectin-2 and nectin-3. Nectin-2 also known as PRR2 or CD112 is a plasma membrane adhesion molecule localized at adherens junctions which is widely expressed in various cell lines including neuronal, endothelial, epithelial and hematopoietic cells. Next to its role in adherens junctions it functions as alphaherpes virus receptor and acts also as intercellular adhesion molecule and pseudorabies virus receptor. Disruption of mouse nectin-2 leads to infertility of male mice.

Synonyms: Nectin-2, PVRL2, HVEB, PRR2, Nectin-2