

Rat anti-mouse Nectin-2, clone 502-57 (Monoclonal)

Clone no. 502-57

MONOSAN

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Product name	Rat anti-mouse Nectin-2, clone 502-57 (Monoclonal)
Host	Rat
Applications	IHC-fr,FC,ELISA,IP,WB
Species reactivity	mouse, human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG2a
Clonality	Monoclonal
Clone number	502-57
Size	1 ml
Concentration	100 ug/ ml
Format	-
Storage buffer	PBS with 0.1% BSA and 0.02% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

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. Monoclonal antibody 502-57 has been raised against the extracellular domain of mouse nectin-2. The antibody cross reacts with human nectin-2.

**References**

1. Sakisaka; T et al. Oncogene 1999; 18: 1609
2. Takahashi, K et al J Cell Biol 1999, 145: 539
3. Kawabe; H et al. J Biol Chem 2001; 276: 48350
4. -
5. -

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