Pvrl2
Rat Anti-Mouse Poliovirus Receptor-related 2 Clone 502-57 mAb

Catalog No.	MON2092	**Quantity:**	100 µg

Alternate Names: AI325026, AI987993, Cd112, MPH, Pvr, Pvs, nectin-2, poliovirus sensitivity

Description: 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 alphaherpus 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.

Gene ID: 19294

Host: Rat

Isotype: IgG2a

Clone: 502-57

Formulation: 1 ml (100 µg/ml) purified antibody solution in PBS, containing 0.1% bovine serum albumin and 0.02% sodium azide. **Precaution:** Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.

Applications: The antibody can be used for immuno assays, Western blotting, immuno precipitation, flow cytometry and immunohistology on frozen sections.

Application Notes: For flow cytometry, Western blotting and immunohistology dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:10. Fixation with PFA or acetone/methanol is recommended.

Storage & Stability: Store at 2-4°C. Under recommended storage conditions, product is stable for one year.

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