

# Nectin-4/PVRL4 Rabbit mAb

Catalog No.: A25200 **Recombinant**

## Basic Information

### Observed MW

### Calculated MW

24kDa/55kDa

### Category

Primary antibody

### Applications

FC,ELISA

### Cross-Reactivity

Human

### CloneNo number

ARC66068

## Background

Nectin-4/ poliovirus Receptor-like 4 (PVRL4) is a type I transmembrane glycoprotein belonging to the immunoglobulin superfamily that promotes intercellular adhesion by acting as a major component of adhesion junctions. The extracellular domain of Nectin-4 consists of one Ig variable region (V) and two Ig constant regions (C), which mediate binding to measles virus and adjacent cells through trans-heterophile interactions with Nectin-1. Unlike other members of the connectin family, which are widely expressed in adult tissues, human Nectin-4 expression is largely limited to the blastoderm. Studies have shown that Nectin-4 is overexpressed in cells from a variety of human solid tumors, including pancreatic, breast, lung, and ovarian cancers. The expression pattern of Nectin-4 in normal tissues is limited, so NECTIN-4 can be used as a novel therapeutic target for various human tumors.

## Recommended Dilutions

**FC** 1:100 - 1:500

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

81607

### Swiss Prot

Q96NY8

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

LNIR; PRR4; EDSS1; PVRL4; nectin-4

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

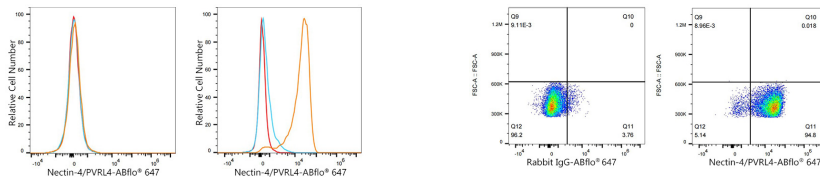
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Flow cytometry:  $1 \times 10^6$  HAP1 cells (negative control, left) and T-47D cells (right) were surface-stained with Nectin-4/PVRL4 Rabbit mAb (A25200, 2  $\mu\text{g}/\text{mL}$ , orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5  $\mu\text{l}/\text{Test}$ , blue line), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1 \times 10^6$  T-47D cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5  $\mu\text{l}/\text{Test}$ , left) or Nectin-4/PVRL4 Rabbit mAb (A25200, 2  $\mu\text{g}/\text{mL}$ , right).