

# ABflo® 488 Rabbit anti-Human Nectin-4 mAb

Catalog No.: A25192

## Basic Information

### Observed MW

### Calculated MW

24kDa/55kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC66068

### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## Recommended Dilutions

FC 5 µl per 10<sup>6</sup> cells in  
100 µl volume

## 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.

## 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

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

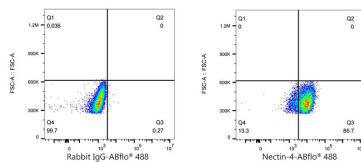
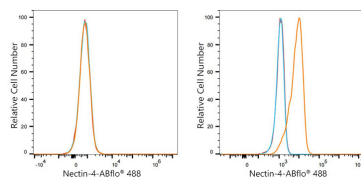
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Flow cytometry: 1X10<sup>6</sup> HAP1 cells (negative control, left) and T-47D cells (right) were surface-stained with ABflo® 488 Rabbit anti-Human Nectin-4 mAb (A25192, 5 µl/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10<sup>6</sup> T-47D cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 µl/Test, left) or ABflo® 488 Rabbit anti-Human Nectin-4 mAb (A25192, 5 µl/Test, right).