

A25194

Leader in Biomolecular Solutions for Life Science



# ABflo® 594 Rabbit anti-Human Nectin-4 mAb

Catalog No.: A25194

## Basic Information

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### Observed MW

### Calculated MW

24kDa/55kDa

### Category

SMab Recombinant Monoclonal Antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC66068-ABflo594

### Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

## Recommended Dilutions

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

## Contact

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[www.abclonal.com](http://www.abclonal.com)

## Background

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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

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### Gene ID

81607

### Swiss Prot

Q96NY8

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 32-146 of human Nectin-4 (NP\_112178.2).

### Synonyms

LNIR; PRR4; EDSS1; PVRL4; nectin-4

## Product Information

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### Source

Rabbit

### Isotype

IgG

### Purification

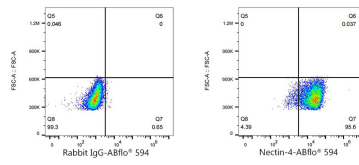
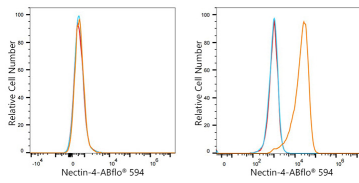
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

## Validation Data



Flow cytometry:  $1 \times 10^6$  HAP1 cells (negative control, left) and T-47D cells (right) were surface-stained with ABflo® 594 Rabbit anti-Human Nectin-4 mAb (A25194, 5  $\mu$ /Test, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821, 5  $\mu$ /Test, blue line). 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® 594 Rabbit IgG isotype control (A23821, 5  $\mu$ /Test, left) or ABflo® 594 Rabbit anti-Human Nectin-4 mAb (A25194, 5  $\mu$ /Test, right).