

ABflo® 594 Rabbit anti-Human Nectin-4 mAb

Catalog No.: A25194

Basic Information

Observed MW

Calculated MW

24kDa/55kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC66068

Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

Recommended Dilutions

FC 5 µl per 10⁶ 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

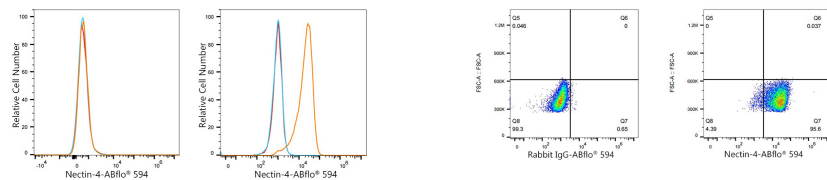
Affinity purification

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: 1×10^6 HAP1 cells (negative control, left) and T-47D cells (right) were surface-stained with ABflo® 594 Rabbit anti-Human Nectin-4 mAb (A25194, 5 μ l/Test, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 T-47D cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821, 5 μ l/Test, left) or ABflo® 594 Rabbit anti-Human Nectin-4 mAb (A25194, 5 μ l/Test, right).