

APC/Cyanine7 Rabbit anti-Human AXL mAb

Catalog No.: A28127

Basic Information

Observed MW

Calculated MW

98kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC53013

Conjugate

APC-Cy7. Ex:651nm. Em:779nm.

Background

The protein encoded by this gene is a member of the Tyro3-Axl-Mer (TAM) receptor tyrosine kinase subfamily. The encoded protein possesses an extracellular domain which is composed of two immunoglobulin-like motifs at the N-terminal, followed by two fibronectin type-III motifs. It transduces signals from the extracellular matrix into the cytoplasm by binding to the vitamin K-dependent protein growth arrest-specific 6 (Gas6). This gene may be involved in several cellular functions including growth, migration, aggregation and anti-inflammation in multiple cell types. The encoded protein acts as a host cell receptor for multiple viruses, including Marburg, Ebola and Lassa viruses and is a candidate receptor for the SARS-CoV2 virus.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID

558

Swiss Prot

P30530

Immunogen

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

Synonyms

ARK; UFO; JTK11; Tyro7

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

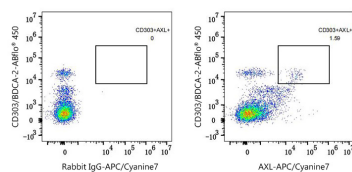
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1X10⁶ Human PBMC were surface stained with ABflo® 488 Rabbit anti-Human/Monkey CD3 mAb (A26283,5 µL/Test), ABflo® 488 Rabbit anti-Human/Monkey CD19 mAb (A23008,5 µL/Test), ABflo® 488 Rabbit anti-Human/Monkey CD14 mAb (A25071,5 µL/Test), ABflo® 488 Mouse anti-Human CD15/SSEA-1 mAb (A26929,5 µL/Test), ABflo® 450 Rabbit anti-Human CD303/BDCA-2 mAb (A27911,5 µL/Test) and APC/Cyanine7 Rabbit IgG isotype control (5 µL/Test,left) or APC/Cyanine7 Rabbit anti-Human AXL mAb (A28127,5 µL/Test,right). The CD3⁺CD19⁻CD14⁻CD15⁻ population was used for analysis.