

Axl Rabbit mAb

Catalog No.: A22388 **Recombinant**

Basic Information

Observed MW

138kDa

Calculated MW

98kDa

Category

Primary antibody

Applications

ELISA, WB, FC

Cross-Reactivity

Human

CloneNo number

ARC53013

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

WB	1:1000 - 1:5000
FC	1:50 - 1:200

Immunogen Information

Gene ID

558

Swiss Prot

P30530

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 33-449 of human Axl (NP_068713.2).

Synonyms

ARK; UFO; JTK11; Tyro7; Axl

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

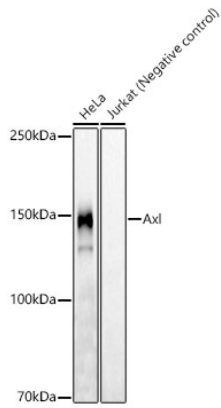
Affinity purification

Storage

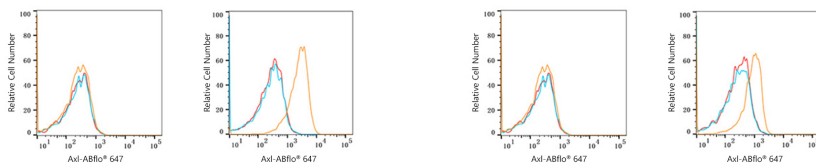
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates, using Axl antibody (A22388) at 1:2000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Flow cytometry: 1X10⁶ Jurkat cells (negative control, left) and U-251MG cells (right) were surface-stained with Axl Rabbit mAb (A20548, 10 µg/mL orange line) or Rabbit IgG isotype control (AC042, 2.5 µg/mL, blue line), followed by Alexa Fluor 647 conjugated goat anti-rabbit pAb(1:600 dilution) staining. Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10⁶ Jurkat cells (negative control, left) and HeLa cells (right) were surface-stained with Axl Rabbit mAb (A20548, 10 µg/mL orange line) or Rabbit IgG isotype control (AC042, 2.5 µg/mL, blue line), followed by Alexa Fluor 647 conjugated goat anti-rabbit pAb(1:600 dilution) staining. Non-fluorescently stained cells were used as blank control (red line).