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Datasheet for ABIN7265803

anti-AXL antibody

4 Images

Overview

| | |
|--------------|------------------------------------|
| Quantity: | 100 µL |
| Target: | AXL |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Monoclonal |
| Conjugate: | This AXL antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|-------------------|------------------------------------|
| Purpose: | Axl Rabbit mAb |
| Immunogen: | Recombinant protein of human Axl . |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Characteristics: | Monoclonal Antibodies |
| Purification: | Affinity purification |

Target Details

| | |
|-------------------|---|
| Target: | AXL |
| Alternative Name: | Axl (AXL Products) |
| Background: | The protein encoded by this gene is a member of the Tyro3-Axl-Mer (TAM) receptor tyrosine |

Target Details

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. Alternative splicing results in multiple transcript variants of this gene. [AXL](#), [ARK](#), [JTK11](#), [Tyro7](#), [UFO](#), [Cancer](#), [Signal Transduction](#), [Kinase](#), [Tyrosine kinases](#), [Cell Biology & Developmental Biology](#), [Cell Cycle](#), [Immunology & Inflammation](#), [Axl](#)

Molecular Weight: 97kDa/98kDa

Gene ID: 558

UniProt: [P30530](#)

Pathways: [RTK Signaling](#), [Cellular Response to Molecule of Bacterial Origin](#)

Application Details

Application Notes: WB, 1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

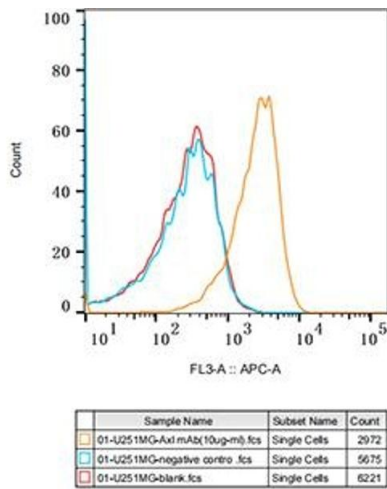
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

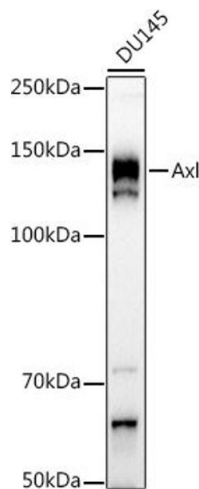
Storage: -20 °C

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



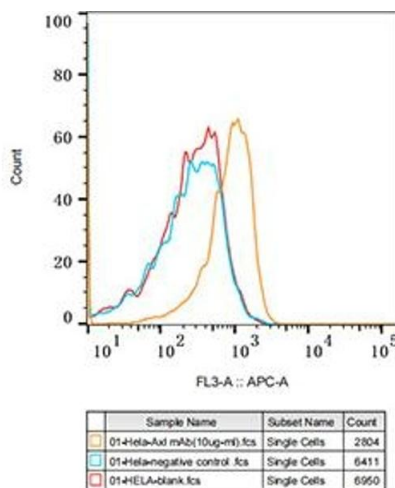
Flow Cytometry

Image 1. Flow cytometry: U-251 MG cells were stained with Rabbit IgG isotype control (, 10 µg/mL, blue line) or Axl Rabbit mAb (ABIN7265803, 10 µg/mL orange line), followed by Alexa Fluor 647 conjugated goat anti-rabbit pAb(1:600 dilution) staining. Non-fluorescently stained U-251 MG cells were used as blank control (red line).



Western Blotting

Image 2. Western blot analysis of extracts of DU145 cells, using Axl antibody (ABIN7265803) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



Flow Cytometry

Image 3. Flow cytometry: HeLa cells were stained with Rabbit IgG isotype control (, 10 µg/mL, blue line) or Axl Rabbit mAb (ABIN7265803, 10 µg/mL orange line), followed by Alexa Fluor 647 conjugated goat anti-rabbit pAb(1:600 dilution) staining. Non-fluorescently stained HeLa cells were used as blank control (red line).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7265803.