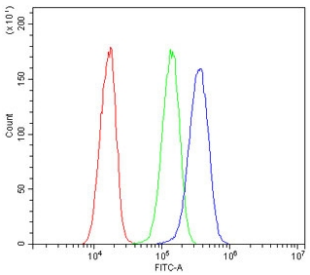
AXL Antibody (RQ6041)

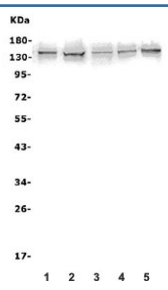
Catalog No.	Formulation	Size
RQ6041	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P30530
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This AXL antibody is available for research use only.



Flow cytometry testing of human HeLa cells with AXL antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= AXL antibody.



Western blot testing of human 1) A431, 2) U-2 OS, 3) U-87 MG, 4) PC-3 and 5) K562 lysate with AXL antibody. Expected molecular weight: 104-140 kDa depending on glycosylation level.

Description

Tyrosine-protein kinase receptor UFO is an enzyme that in humans is encoded by the AXL gene. This gene is mapped to 19q13.2. 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. Alternative splicing results in multiple transcript variants of this gene.

Application Notes

Optimal dilution of the AXL antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids A47-A244) was used as the immunogen for the AXL antibody.

Storage

After reconstitution, the AXL antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.