

Rabbit AXL Monoclonal Antibody | anti-AXL antibody

Recombinant Anti-AXL Antibody (FITC), Rabbit Monoclonal

CATALOG # AAA254789	HOST Rabbit	APPLICATIONS Flow Cytometry, Functional Assay
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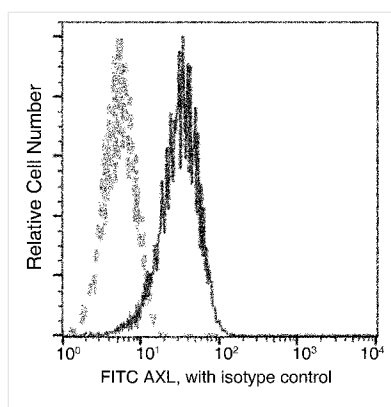
PRODUCT SYNONYMS

AXL; Monoclonal Antibody; Recombinant Anti-AXL Antibody (FITC); Rabbit Monoclonal; AXL Antibody (FITC); Rabbit MAb; AXL receptor tyrosine kinase; Anti-ARK Antibody; Anti-JTK11 Antibody; Anti-Tyro7 Antibody; Anti-UFO Antibody; anti-AXL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Clone Number	101
Specificity	Human AXL
Form/Format	Liquid; PBS solution containing 0.5% BSA and 0.09% sodium azide
Concentration	5ul/Test, 0.1mg/ml (varies by lot)
Applicable Applications for anti-AXL antibody	FCM/FACS (Flow Cytometry)
Immunogen	Recombinant Human AXL Protein ()
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human AXL (rh AXL) and conjugated with FITC under optimum conditions, the unreacted FITC was removed.
Preparation and Storage	This antibody can be stored at 2-8 degree C for twelve months without detectable loss of activity. Protected from prolonged exposure to light. Do not freeze! Sodium azide is toxic to cells and should be disposed of properly. Flush with large volumes of water during disposal.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Human AXL expression on DU145 cells. Cells were stained with FITC-conjugated anti-Human AXL. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells. Flow cytometry was performed on a BD FACSCalibur flow cytometry system.

ADDITIONAL INFORMATION

Related Product Information for anti-AXL antibody	Axl receptor tyrosine kinase, together with Tyro3 and Mer, constitute the TAM family of receptor tyrosine kinases. In the nervous system, Axl and its ligand Growth-arrest-specific protein 6 (Gas6) are expressed on multiple cell types. Axl functions in dampening the immune response, regulating cytokine secretion, clearing apoptotic cells and debris, and maintaining cell survival. Axl is upregulated in various disease states, such as in the cuprizone toxicity-induced model of demyelination and in multiple sclerosis (MS) lesions, suggesting that it plays a role in disease pathogenesis. Axl expression correlates with poor prognosis in several cancers. Axl mediates multiple oncogenic phenotypes and activation of these RTKs constitutes a mechanism of chemoresistance in a variety of solid tumors. Axl contributes to cell survival, migration, invasion, metastasis and chemosensitivity justify further investigation of Axl as novel therapeutic targets in cancer. The receptor tyrosine kinase AXL is thought to play a role in metastasis. The soluble AXL receptor as a therapeutic candidate agent for treatment of metastatic ovarian cancer. GAS6/AXL targeting as an effective strategy for inhibition of metastatic tumor progression in vivo.
Product Categories/Family for anti-AXL antibody	Receptor Tyrosine Kinases (RTKs)
References	Weinger JG, et al. (2011) Loss of the receptor tyrosine kinase Axl leads to enhanced inflammation in the CNS and delayed removal of myelin debris during Experimental Autoimmune Encephalomyelitis. J Neuroinflammation. 8: 49.Linger RM, et al. (2010) Taking aim at Mer and Axl receptor tyrosine kinases as novel therapeutic targets in solid tumors. Expert Opin Ther Targets. 14(10): 1073-90.Cavet ME, et al. (2010) Gas6-Axl pathway: the role of redox-dependent association of Axl with nonmuscle myosin IIB. Hypertension. 56(1): 105-11.Rankin EB, et al. (2010) AXL is an essential factor and therapeutic target for metastatic ovarian cancer. Cancer Res. 70(19): 7570-9.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21536466
NCBI GeneID	558
NCBI Accession #	NP_068713.2
NCBI GenBank Nucleotide #	NM_021913.4
UniProt Accession #	P30530; Q8N5L2; Q9UD27
NCBI Official Full Name	tyrosine-protein kinase receptor UFO isoform 1
NCBI Official Synonym Full Names	AXL receptor tyrosine kinase
NCBI Official Symbol	AXL
NCBI Official Synonym Symbols	ARK; UFO; JTK11; Tyro7
NCBI Protein Information	tyrosine-protein kinase receptor UFO
UniProt Protein Name	Tyrosine-protein kinase receptor UFO
UniProt Gene Name	AXL
UniProt Synonym Gene Names	UFO
UniProt Entry Name	UFO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/axl-antibody-clone-101-flow-cytometry-elisa/254789>