

AXL recombinant antibody

Rabbit anti-AXL Recombinant Monoclonal Antibody [BLR222K]

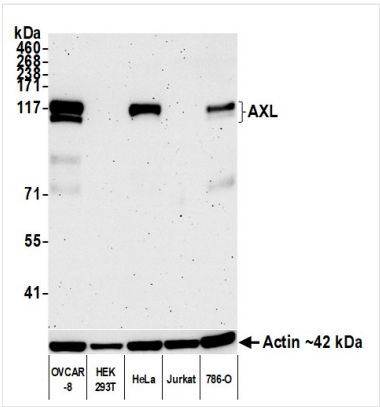
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23873	Rabbit	Human, Mouse	Western Blot, Immunoprecipitation, Immunocytochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

AXL; Monoclonal Recombinant Antibody; Rabbit anti-AXL Recombinant Monoclonal Antibody [BLR222K]; tyrosine-protein kinase receptor UFO; AXL transforming sequence/gene; UFO; ARK; AXL oncogene; Tyro7; JTK11; Tyrosine-protein kinase receptor UFO; AXL receptor tyrosine kinase; AXL recombinant antibody

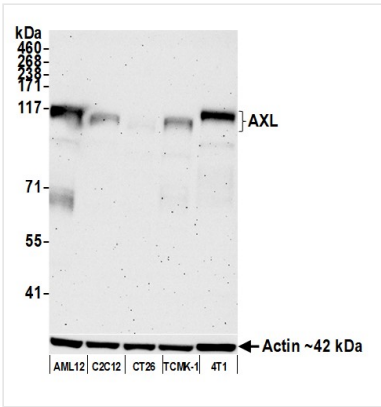
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	BLR222K
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.09% Sodium Azide, BSA-Free
Concentration	1000ug/ml (varies by lot)
Applicable Applications for AXL recombinant antibody	WB (Western Blot), IP (Immunoprecipitation), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000 IP: 6 ul/mg lysate ICC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE cell sections. FC/FACS: Fixed in 4% formaldehyde and permeabilized with 90% methanol. 0.5 ul per 1 x 10 ⁶ cells.
Immunogen	Residues 33-440(ECD)
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



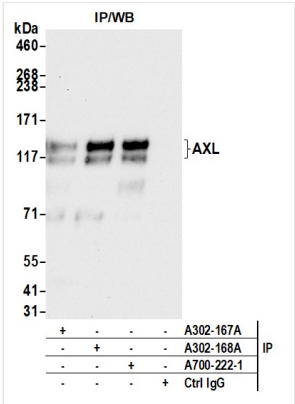
WB (Western Blot)

Detection of human AXL by western blot. Samples: Whole cell lysate (10 ug) from OVCAR-8, HEK293T, HeLa, Jurkat, and 786-O cells prepared using NETN lysis buffer. Antibody: Rabbit anti-AXL recombinant monoclonal antibody (AAA23873 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 3 minutes.



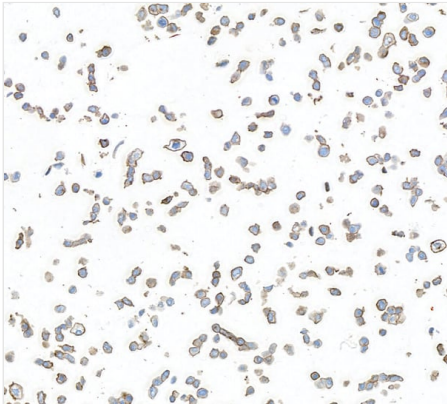
WB (Western Blot)

Detection of mouse AXL by western blot. Samples: Whole cell lysate (25 ug) from AML12, C2C12, CT26, TCMK-1, and 4T1 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-AXL recombinant monoclonal antibody (AAA23873 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 3 minutes. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



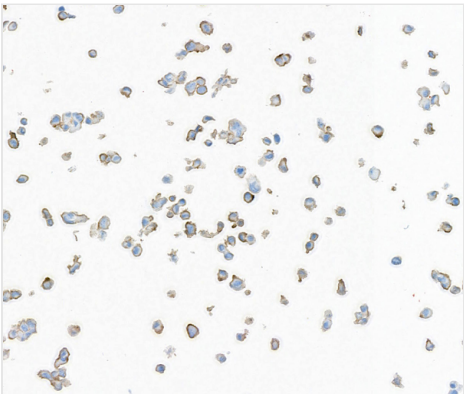
IP (Immunoprecipitation)

Detection of human AXL by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from OVCAR-8 cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-AXL recombinant monoclonal antibody (AAA23873 lot 1) used for IP at 6 ul/mg lysate. AXL was also immunoprecipitated by an antibody against a different epitope of AXL and a polyclonal antibody against the same epitope of AXL . For blotting immunoprecipitated AXL, AAA23873 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 10 seconds.



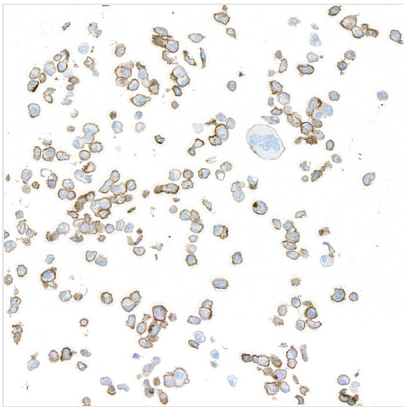
ICC (Immunocytochemistry)

Detection of mouse AXL by immunocytochemistry. Sample: FFPE section of AML12 cells. Antibody: Rabbit anti-AXL recombinant monoclonal antibody (AAA23873-1). Secondary: HRP-conjugated goat anti-rabbit IgG .



ICC (Immunocytochemistry)

Detection of human AXL by immunocytochemistry. Sample: FFPE section of HDLM-2 cells. Antibody: Rabbit anti-AXL recombinant monoclonal antibody (AAA23873-1). Secondary: HRP-conjugated goat anti-rabbit IgG .



ICC (Immunocytochemistry)

Detection of human AXL by immunocytochemistry. Sample: FFPE section of DU145 cells. Antibody: Rabbit anti-AXL recombinant monoclonal antibody (AAA23873-1). Secondary: HRP-conjugated goat anti-rabbit IgG .

ADDITIONAL INFORMATION

Related Product Information for AXL recombinant antibody	AXL is a receptor tyrosine kinase (RTK) that binds the ligand Gas6 (growth-arrest specific gene). It is part of a sub-family of RTKs that includes AXL, SKY and MER. The AXL gene was first identified as a transforming cDNA isolated from patients with chronic myelogenous leukemia. AXL-Gas6 signaling is implicated in cellular responses such as cell survival, proliferation, migration, and adhesion, and it may be involved in cancer progression.
Product Categories/Family for AXL recombinant antibody	Primary Antibodies

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
Molecular Weight	97,377 Da
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.