

For Research Use Only

AXL Monoclonal antibody

Catalog Number: 68108-1-Ig



Basic Information

Catalog Number: 68108-1-Ig	GenBank Accession Number: BC032229	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 558	CloneNo.: 3D12F11
Source: Mouse	UNIPROT ID: P30530	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Full Name: AXL receptor tyrosine kinase	
Immunogen Catalog Number: AG14401	Calculated MW: 894 aa, 98 kDa	
	Observed MW: 130-140 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : NCI-H1299 cells, A549 cells, U2OS cells, A431 cells, HeLa cells
Species Specificity: human	

Background Information

Axl, also known as Ufo or Ark, is a receptor tyrosine kinase of the TAM (Tyro3, Axl and Mer) family. Axl is a single-pass type I membrane protein containing two fibronectin type-III domains, two Ig-like C2-type domains and one protein kinase domain. Axl mRNA is widely expressed with highest levels in the heart and skeletal muscle. Gas6 has been identified as a ligand for human Axl. Gas6/Axl signaling plays a role in cell survival, cell proliferation, migration and differentiation. It has been reported that 110-120 kDa non-glycosylated AXL protein can be detected (PMID: 31171001). Endogenous Axl is auto-phosphorylated and reacted with a tyrosine-phosphorylated protein of 140 kDa (PMID: 12730092).

Storage

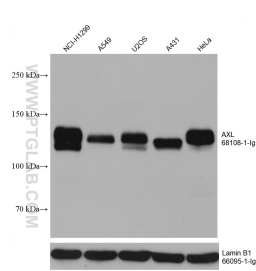
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68108-1-Ig (AXL antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with Lamin B1 Monoclonal antibody (66095-1-Ig) as loading control.