

For Research Use Only

AXL Recombinant antibody, PBS Only (Capture)

Catalog Number: 84659-1-PBS



Basic Information

Catalog Number: 84659-1-PBS	GenBank Accession Number: NM_021913.4	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 558	CloneNo.: 24201489
Source: Rabbit	UNIPROT ID: P30530-1	
Isotype: IgG	Full Name: AXL receptor tyrosine kinase	
	Calculated MW: 98kDa	
	Observed MW: 130-140 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

84659-1-PBS targets AXL as part of a matched antibody pair:

MP01487-2: 84659-1-PBS capture and 84659-4-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

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

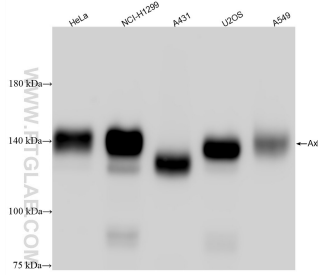
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

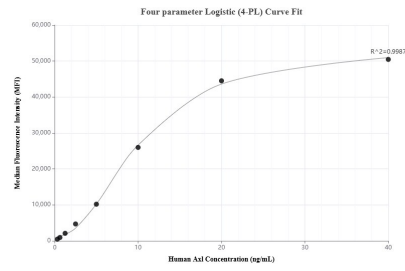
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84659-1-RR (Axl antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84659-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01487-2, AXL Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84659-1-PBS. Detection antibody: 84659-4-PBS. Standard: Eg1618. Range: 0.313-40 ng/mL.