

For Research Use Only

# AXL Recombinant antibody, PBS Only (Capture)

Catalog Number: 84659-5-PBS



## Basic Information

<b>Catalog Number:</b> 84659-5-PBS	<b>GenBank Accession Number:</b> NM_021913.4	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 558	<b>CloneNo.:</b> 242014H7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P30530-1	
<b>Isotype:</b> IgG	<b>Full Name:</b> AXL receptor tyrosine kinase	
	<b>Calculated MW:</b> 98kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Product Information

84659-5-PBS targets AXL as part of a matched antibody pair.

MP01487-3: 84659-5-PBS capture and 84659-3-PBS detection (validated in Sandwich ELISA)

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.

## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS Only

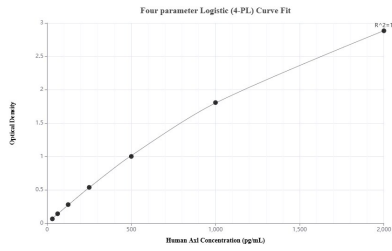
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

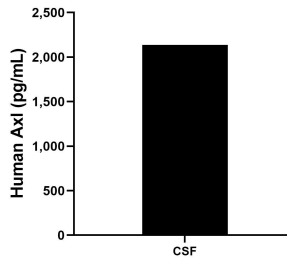
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

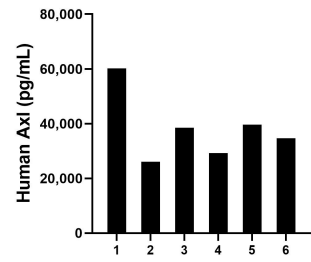
## Selected Validation Data



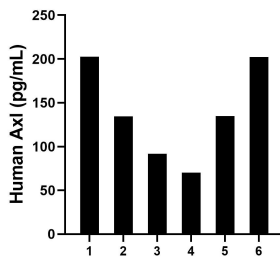
Sandwich ELISA standard curve of MP01487-3, Human Axl Recombinant Matched Antibody Pair - PBS only. 84659-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1618. 84659-3-PBS was HRP conjugated as the detection antibody. Range: 31.25-2000 pg/mL



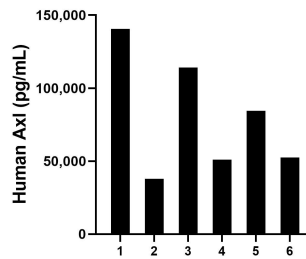
Cerebrospinal fluid of one human donor was measured. The Axl concentration of detected samples was determined to be 2,138.1 pg/mL



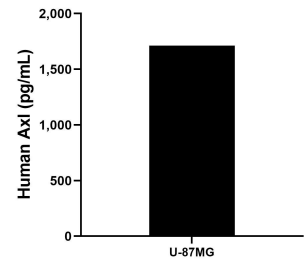
Serum of six individual healthy human donors was measured. The human Axl concentration of detected samples was determined to be 38,035.1 pg/mL with a range of 26,053.7 - 60,164.0 pg/mL



Saliva of six individual healthy human donors was measured. The human Axl concentration of detected samples was determined to be 139.3 pg/mL with a range of 70.3 - 202.4 pg/mL



Urine of six individual healthy human donors was measured. The human Axl concentration of detected samples was determined to be 80,064.8 pg/mL with a range of 37,803.8 - 140,502.0 pg/mL



U-87 MG human glioblastoma/astrocytoma cells were cultured in MEM supplemented with 10% fetal bovine serum, 2 mM L-glutamine, 100 U/mL penicillin, 100 µg/mL streptomycin sulfate, and 1 mM sodium pyruvate, until confluent. An aliquot of the cell culture supernate was removed, assayed for human Axl, and measured 1,712.6 pg/mL