

For Research Use Only

# Axl Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP01487-3

## Capture Antibody Information

Catalog Number:  
84659-5-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
242014H7

Reactivity:  
human

GenBank:  
NM\_021913.4

Conjugate:  
Unconjugated

Full name:  
AXL receptor tyrosine kinase

Gene ID:  
558

## Detection Antibody Information

Catalog Number:  
84659-3-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
242014C1

Reactivity:  
human

GenBank:  
NM\_021913.4

Conjugate:  
Unconjugated

Full name:  
AXL receptor tyrosine kinase

Gene ID:  
558

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
31.25-2000 pg/mL (Sandwich ELISA)

Recommended Dilutions:  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP01487-3 targets Axl in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: AXL Recombinant antibody, PBS Only (Capture) 84659-5-PBS (242014H7). 100  $\mu$ g. Concentration 1 mg/ml.

Detection antibody: AXL Recombinant antibody, PBS Only (Detector) 84659-3-PBS (242014C1). 100  $\mu$ g. Concentration 1 mg/ml.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

Storage:  
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:  
PBS only

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

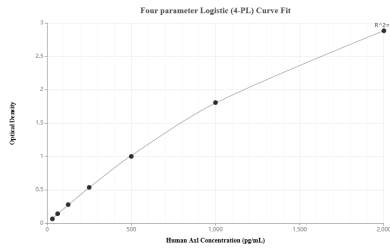
T: 4006900926

E: Proteintech-CN@ptglab.com

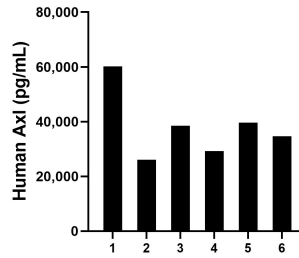
W: ptgcn.com

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

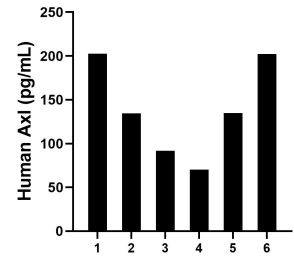
## Selected Validation Data



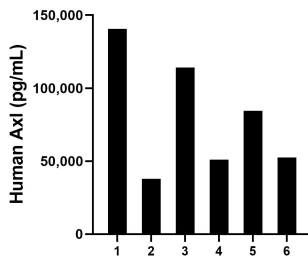
Sandwich ELISA standard curve of MP01487-3, Human Axl Recombinant Matched Antibody Pair - PBS only. 84659-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1618. 84659-3-PBS was HRP conjugated as the detection antibody. Range: 31.25-2000 pg/mL



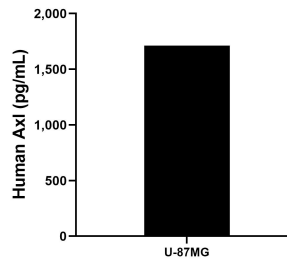
Serum of six individual healthy human donors was measured. The human Axl concentration of detected samples was determined to be 38,035.1 pg/mL with a range of 26,053.7 - 60,164.0 pg/mL



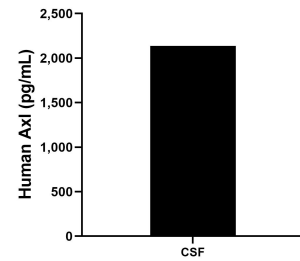
Saliva of six individual healthy human donors was measured. The human Axl concentration of detected samples was determined to be 139.3 pg/mL with a range of 70.3 - 202.4 pg/mL



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



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