

For Research Use Only

Agrin Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 86507-4-PBS



Basic Information

Catalog Number: 86507-4-PBS	GenBank Accession Number: NM_198576.4	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 375790	CloneNo.: 251295A1
Source: Rabbit	UNIPROT ID: O00468-6	
Isotype: IgG	Full Name: agrin	
Immunogen Catalog Number: EG5123	Calculated MW: 215 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

86507-4-PBS targets Agrin as part of a matched antibody pair:

MP02476-2: 86507-5-PBS capture and 86507-4-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, pH7.3

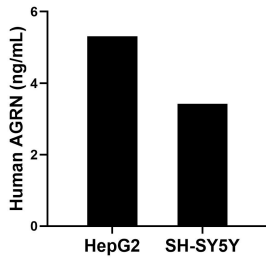
For technical support and original validation data for this product please contact:

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

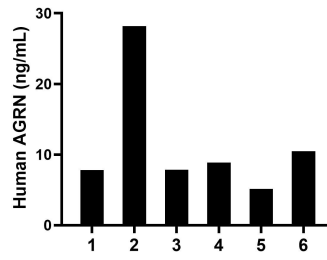
E: proteintech@ptglab.com
W: ptglab.com

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

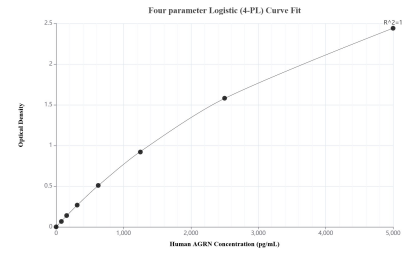
Selected Validation Data



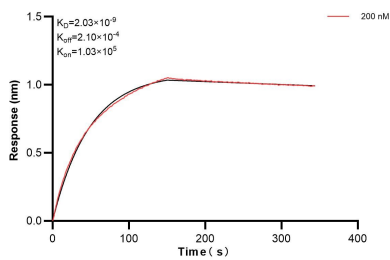
The mean AGRN concentration was determined to be 5.3 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load and 3.4 ng/mL in SH-SY5Y cell extract based on a 1.2 mg/mL extract load.



Plasma of six individual healthy human donors was measured. The AGRN concentration of detected samples was determined to be 11.4 ng/mL with a range of 5.1-28.2 ng/mL.



Sandwich ELISA standard curve of MP02476-2, Human AGRN Recombinant Matched Antibody Pair - PBS only. 86507-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg5123. 86507-4-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



Biolayer interferometry (BLI) kinetic assay of 86507-4-PBS against Human AGRN were performed. The affinity constant is 2.03 nM.