

For Research Use Only

NPEPPS Recombinant antibody, PBS Only (Capture)

Catalog Number: 84230-2-PBS



Basic Information

Catalog Number:	84230-2-PBS	GenBank Accession Number:	BC065294	Purification Method:	Protein A purification
Size:	1 mg/ml	GeneID (NCBI):	9520	CloneNo.:	241502G8
Source:	Rabbit	UNIPROT ID:	P55786		
Isotype:	IgG	Full Name:	aminopeptidase puromycin sensitive		
Immunogen Catalog Number:	AG36035	Observed MW:	103 kDa		

Applications

Tested Applications:
WB, IF/ICC, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

NPEPPS, also known as PSA, is a member of the oxytocinase subfamily of the M1 aminopeptidase family. NPEPPS encodes puromycin-sensitive aminopeptidase, a zinc metallopeptidase that hydrolyzes amino acids from the N-terminus of its substrate. The protein has 2 isoforms and is located in the cytoplasm.

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:

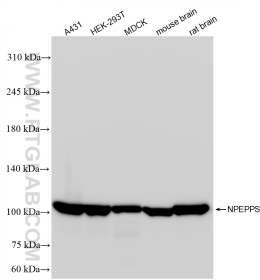
T: 4006900926

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W: ptgcn.com

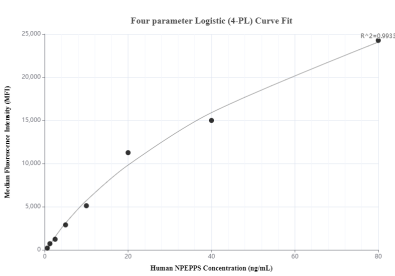
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Selected Validation Data

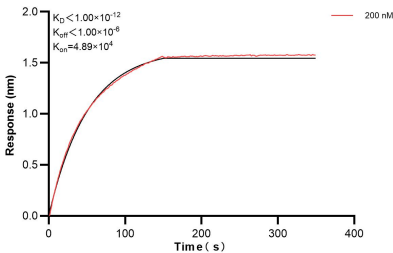


Various lysates were subjected to SDS PAGE followed by western blot with 84230-2-RR (NPEPPS antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84230-2-PBS in a different storage buffer formulation.

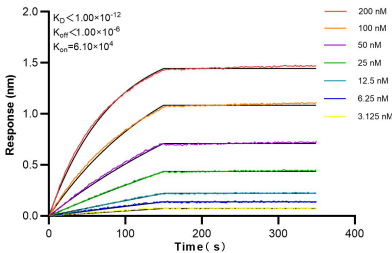
Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using NPEPPS antibody (84230-2-RR, Clone: 241502G8) at dilution of 1:250 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 84230-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01126-2, NPEPPS Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84230-2-PBS. Detection antibody: 84230-3-PBS. Standard: Ag36035. Range: 0.625-80 ng/mL.



Biolayer interferometry (BLI) kinetic assay of 84230-2-PBS against Human NPEPPS was performed. The affinity constant is below 1 pM.



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