

For Research Use Only

PEL1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87624-2-PBS



Basic Information

Catalog Number: 87624-2-PBS	GenBank Accession Number: BC011419	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 57162	CloneNo.: 252984C10
Isotype: IgG	UNIPROT ID: Q96FA3	
Immunogen Catalog Number: AG2683	Full Name: pellino homolog 1 (Drosophila)	
	Calculated MW: 418 aa, 46 kDa	
	Observed MW: 46-53 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

PEL1 encodes pellino-1, an E3 ubiquitin-protein ligase pellino homolog. E3 ubiquitin ligase functions by catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins. Pellino-1 is involved in the TLR and IL-1 signaling pathways via interaction with the complex containing IRAK kinases and TRAF6. Pellino-1 can mediate 'Lys-63'-linked polyubiquitination of IRAK1 allowing subsequent NF-kappa-B activation thus playing a role in cellular inflammation.

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, pH7.3

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

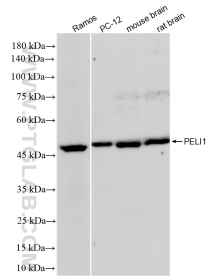
T: 4006900926

E: Proteintech-CN@ptglab.com

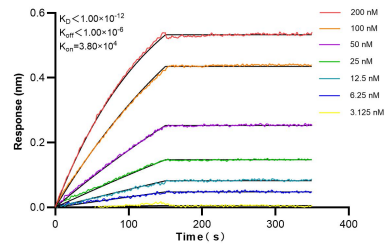
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87624-2-RR (PELI1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87624-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87624-2-RR against Human PELI1 were performed. The affinity constant is below 1 pM.