

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
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 57162	CloneNo.: 252984C10
Source: Rabbit	UNIPROT ID: Q96FA3	
Isotype: IgG	Full Name: pellino homolog 1 (Drosophila)	
Immunogen Catalog Number: AG2683	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

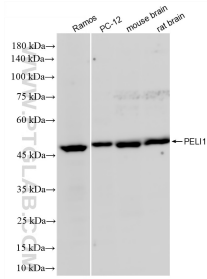
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

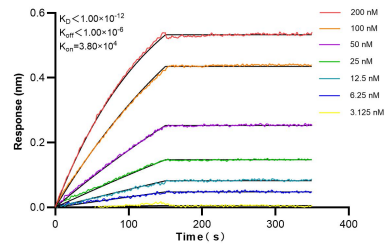
For technical support and original validation data for this product please contact:
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Selected Validation Data



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.