

For Research Use Only

POMP Recombinant antibody

Catalog Number: 83607-6-RR



Basic Information

Catalog Number: 83607-6-RR	GenBank Accession Number: BC003390	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 51371	CloneNo.: 240563D7
Source: Rabbit	UNIPROT ID: Q9Y244	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: proteasome maturation protein	
Immunogen Catalog Number: AG6987	Calculated MW: 16 kDa	
	Observed MW: 16 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, rat

Positive Controls:

WB : HeLa cells, rat skin tissue, Jurkat cells, HepG2 cells, SW480 cells, HL-60 cells, L02 cells

Background Information

Proteasome maturation protein(POMP), is an essential factor of mammalian proteasome biogenesis. It facilitates the main steps in 20S core complex formation at the ER to coordinate the assembly process and to provide cells with freshly formed proteasomes at their site of function. A single nucleotide deletion in this gene causes an autosomal recessive skin disorder, keratosis linearis with ichthyosis congenita and sclerosing keratoderma (KLICK) syndrome.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

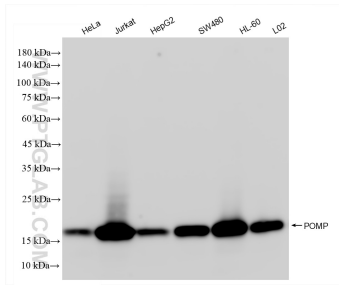
For technical support and original validation data for this product please contact:

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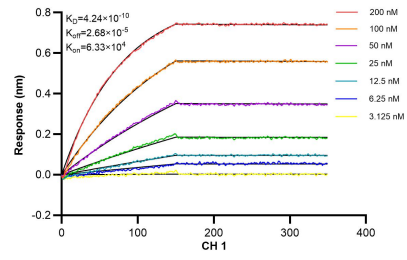
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83607-6-RR (POMP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83607-6-RR against Human POMP were performed. The affinity constant is 0.424 nM.