

For Research Use Only

KLK1 Recombinant monoclonal antibody, PBS Only (Capture/Detector)

Catalog Number: 87940-1-PBS



Basic Information

Catalog Number: 87940-1-PBS	GenBank Accession Number: NM_002257.3	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3816	CloneNo.: 260049D11
Source: Rabbit	UNIPROT ID: P06870	
Isotype: IgG	Full Name: kallikrein 1	
Immunogen Catalog Number: EG3167	Calculated MW: 29 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87940-1-PBS targets KLK1 as part of a matched antibody pair:

MP03278-1: 87940-2-PBS capture and 87940-1-PBS detection (validated in Cytometric bead array)

MP03278-2: 87940-1-PBS capture and 87940-3-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

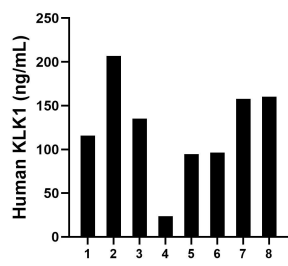
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

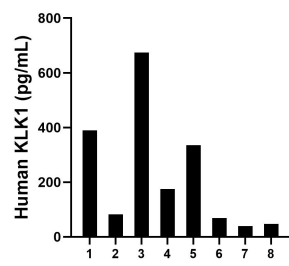
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

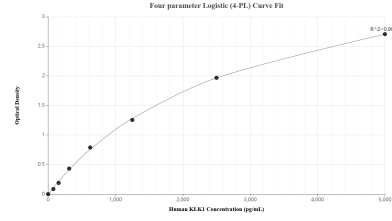
Selected Validation Data



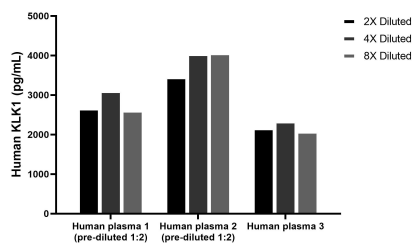
Urine of eight individual healthy human donors was measured. The KLK1 concentration of detected samples was determined to be 123.8 ng/mL with a range of 23.6-206.8 ng/mL.



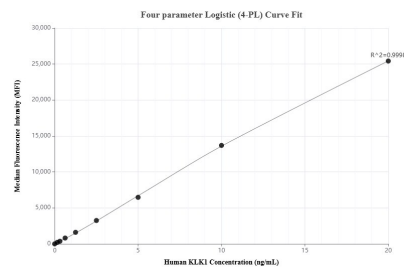
Plasma of eight individual healthy human donors was measured. The KLK1 concentration of detected samples was determined to be 226.7 pg/mL with a range of 39.8-674.6 pg/mL.



Sandwich ELISA standard curve of MP03278-2, Human KLK1 Recombinant Matched Antibody Pair - PBS only. 87940-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3167. 87940-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



The mean KLK1 concentration was determined to be 2788 pg/mL in human plasma 1, 3846 pg/mL in human plasma 2, 2189 pg/mL in human plasma 3.



Cytometric bead array standard curve of MP03278-1, KLK1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87940-2-PBS. Detection antibody: 87940-1-PBS. Standard: Eg3167. Range: 0.156-20 ng/mL.