

For Research Use Only

# KLK1 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87940-3-PBS



## Basic Information

|                                                             |                                                 |                                                       |
|-------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------------|
| <b>Catalog Number:</b><br>87940-3-PBS                       | <b>GenBank Accession Number:</b><br>NM_002257.3 | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug , Concentration: 1 mg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>3816                   | <b>CloneNo.:</b><br>260049F12                         |
| <b>Source:</b><br>Rabbit                                    | <b>UNIPROT ID:</b><br>P06870                    |                                                       |
| <b>Isotype:</b><br>IgG                                      | <b>Full Name:</b><br>kallikrein 1               |                                                       |
| <b>Immunogen Catalog Number:</b><br>EG3167                  | <b>Calculated MW:</b><br>29 kDa                 |                                                       |

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA

**Species Specificity:**  
human

## Product Information

87940-3-PBS targets KLK1 as part of a matched antibody pair:

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.

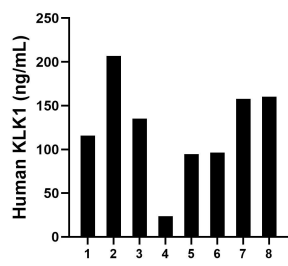
## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS only, pH7.3

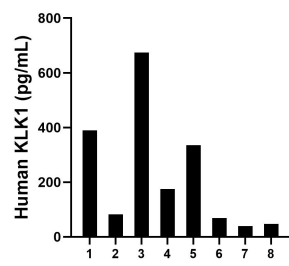
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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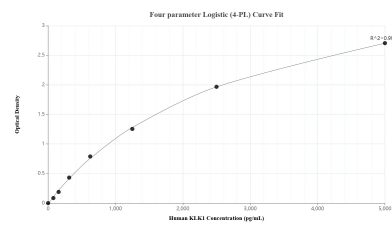
# Selected Validation Data



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.