

For Research Use Only

# DKK3 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87713-2-PBS



## Basic Information

<b>Catalog Number:</b> 87713-2-PBS	<b>GenBank Accession Number:</b> NM_015881.5, NM_013253.4, NM_001018057.1	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 27122	<b>CloneNo.:</b> 253091F2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UBP4	
<b>Isotype:</b> IgG	<b>Full Name:</b> dickkopf homolog 3 (Xenopus laevis)	
<b>Immunogen Catalog Number:</b> EG6731	<b>Calculated MW:</b> 38 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

87713-2-PBS targets DKK3 as part of a matched antibody pair:

MP03175-1: 87713-3-PBS capture and 87713-2-PBS detection (validated in Cytometric bead array, 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

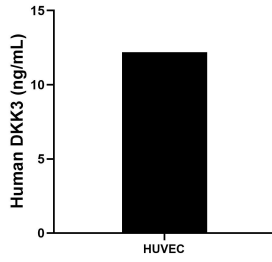
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

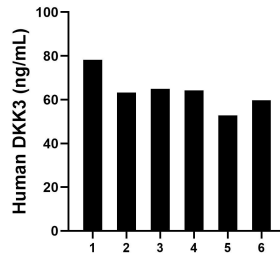
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

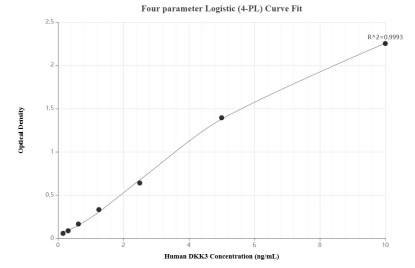
## Selected Validation Data



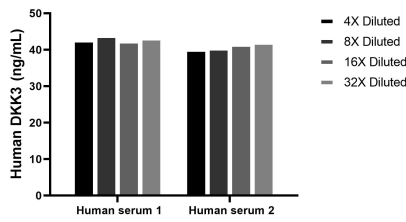
HUVEC human umbilical vein endothelial cells were cultured in EGM-2. Aliquots of the cell culture supernatants were removed, assayed for levels of DKK3, and measured 12.24 ng/mL



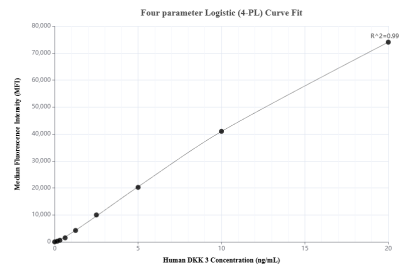
Plasma of six individual healthy human donors was measured. The human DKK3 concentration of detected samples was determined to be 63.82 ng/mL with a range of 52.74-78.16 ng/mL



Sandwich ELISA standard curve of MP03175-1, Human DKK3 Recombinant Matched Antibody Pair - PBS only. 87713-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg6731. 87713-2-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean DKK3 concentration was determined to be 43.0 ng/mL in human serum 1, 41.0 ng/mL in human serum 2.



Cytometric bead array standard curve of MP03175-1, DKK3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87713-3-PBS. Detection antibody: 87713-2-PBS. Standard: Eg6731. Range: 0.156-20 ng/mL