

For Research Use Only

DKK3 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87713-3-PBS



Basic Information

Catalog Number: 87713-3-PBS	GenBank Accession Number: NM_015881.5, NM_013253.4, NM_001018057.1	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 27122	CloneNo.: 253091F4
Source: Rabbit	UNIPROT ID: Q9UBP4	
Isotype: IgG	Full Name: dickkopf homolog 3 (Xenopus laevis)	
Immunogen Catalog Number: EG6731	Calculated MW: 38 kDa	

Applications

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

Species Specificity:
human

Product Information

87713-3-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

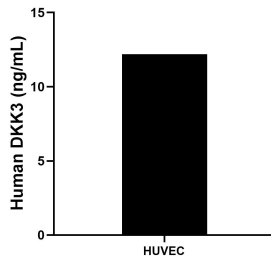
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

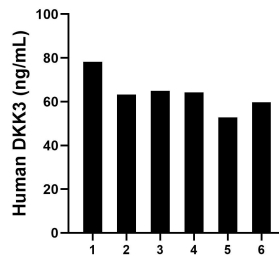
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

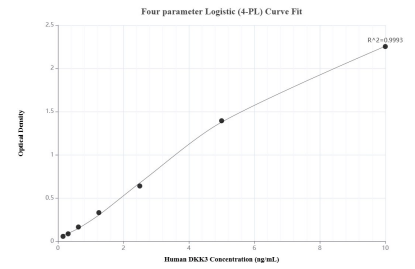
Selected Validation Data



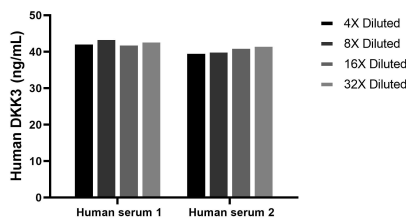
HUVEC human umbilical vein endothelial cells were cultured in EGM-2. Aliquots of the cell culture supernatants were removed, assayed for levels of DKK3, and measured 12.24 ng/mL



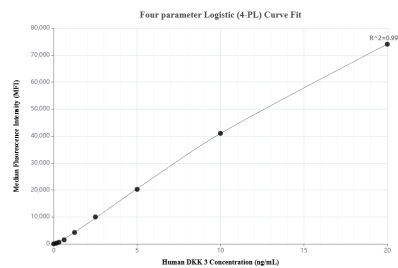
Plasma of six individual healthy human donors was measured. The human DKK3 concentration of detected samples was determined to be 63.82 ng/mL with a range of 52.74-78.16 ng/mL



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