

For Research Use Only

IL-32 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 86678-1-PBS



Basic Information

Catalog Number: 86678-1-PBS	GenBank Accession Number: NM_001012633.1	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 9235	CloneNo.: 250373F3
Isotype: IgG	UNIPROT ID: P24001-4	
Immunogen Catalog Number: EG3224	Full Name: interleukin 32	
	Calculated MW: 15 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Background Information

Interleukin 32 (IL32) is a member of the cytokine family. IL32 contains a tyrosine sulfation site, 3 potential N-myristoylation sites, multiple putative phosphorylation sites, and an RGD cell-attachment sequence. IL32 is a predominantly intracellular proinflammatory cytokine produced by epithelial cells, monocytes, T-lymphocytes and natural killer cells, and is involved in inflammation and cancer development. IL32 is able to induce the release a variety of pro-inflammatory cytokines such as IL8, tumor necrosis factor- α (TNF α) and IL6. Expression of this protein is increased after the activation of T-cells by mitogens or the activation of NK cells by IL-2.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

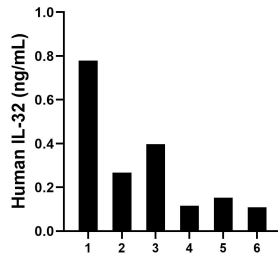
T: 4006900926

E: Proteintech-CN@ptglab.com

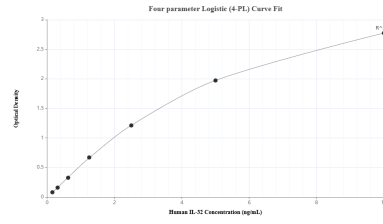
W: ptgcn.com

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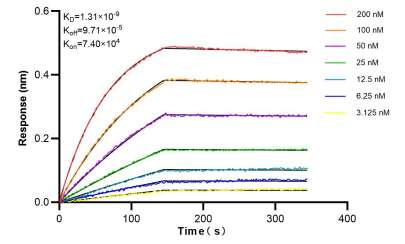
Selected Validation Data



Plasma of six individual healthy human donors was measured. The human IL-32 concentration of detected samples was determined to be 0.30 ng/mL with a range of 0.11 - 0.78 ng/mL.



Sandwich ELISA standard curve of MP02615-1, Human IL-32 Recombinant Matched Antibody Pair - PBS only. 86678-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3224. 86678-1-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



Bi-layer interferometry (BLI) kinetic assays of 86678-1-PBS against Human IL-32 were performed. The affinity constant is 1.31 nM.