

For Research Use Only

CoraLite® Plus 488-conjugated IL-17D Monoclonal antibody

Catalog Number: CL488-66143



Basic Information

Catalog Number: CL488-66143	GenBank Accession Number: BC036243	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 53342	CloneNo.: 1D7H4
Source: Mouse	UNIPROT ID: Q8TAD2	Recommended Dilutions: FC (Intra): 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG2b	Full Name: interleukin 17D	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG6762	Calculated MW: 22 kDa	
	Observed MW: 28 kDa	

Applications

Tested Applications: FC (Intra)	Positive Controls: FC (Intra) : human PBMCs,
Species Specificity: human	

Background Information

IL17D is a secreted cytokine with homology to the IL-17 family of proteins. IL17D is preferentially expressed in skeletal muscle, brain, adipose tissue, heart, lung, and pancreas. The treatment of endothelial cells with IL17D has been shown to stimulate the production of other cytokines including IL6, IL8 and CSF2/ GM-CSF. The increased expression of IL8 induced by IL17D was found to be NF-kappa B-dependent.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

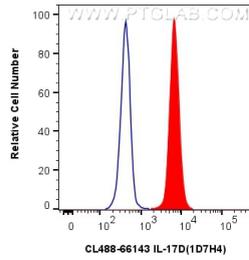
For technical support and original validation data for this product please contact:

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

Selected Validation Data



1x10⁶ human PBMCs were intracellularly stained with 0.25 ug CoraLite® Plus 488-conjugated IL-17D Monoclonal antibody (CL488-66143, Clone: 1D7H4) (red) or 0.25 ug CoraLite® Plus 488 Mouse IgG2b isotype control (11B8C4) (CL488-66360-3, Clone: 11B8C4) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).