

For Research Use Only

CoraLite® Plus 488-conjugated IL-18 Monoclonal antibody



Catalog Number: CL488-60070

Featured Product

Basic Information

Catalog Number: CL488-60070	GenBank Accession Number: BC007461	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3606	CloneNo.: 5C6F8
Source: Mouse	Full Name: IL-18	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2b	Calculated MW: 193 aa, 22 kDa	
Immunogen Catalog Number: AG1063	Observed MW: 24 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, hamster

Background Information

IL18, is a proinflammatory cytokine involved in the development of Th1 cells and in immune response. It can stimulate the NK cells and certain T cells to release IFN gamma which plays an important role in activating the macrophages or other cells. IL18 has been demonstrated to have the potential to enhance Fas ligand-mediated cytotoxicity, which is increased in PE and regulates placental apoptosis. IL18 is synthesized as a 24 kDa precursor and then cleaved into a biologically active 18 kDa form.

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, pH 7.3.

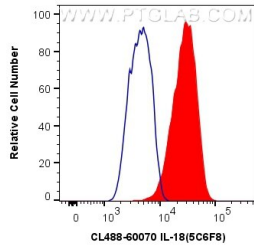
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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
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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



1×10^6 HeLa cells were intracellularly stained with 0.4 μ g CoraLite[®] Plus 488 Anti-Human IL-18 (CL488-60070, Clone:5C6F8) (red), or 0.4 μ g Mouse IgG2b Isotype Control (CL488-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).