

For Research Use Only

CoraLite®488-conjugated IL-33 Monoclonal antibody



Catalog Number:CL488-66235

Basic Information

Catalog Number: CL488-66235	GenBank Accession Number: BC047085	Purification Method: Thiophilic affinity chromatograph
Size: 100UL, Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 90865	CloneNo.: 2A9C7
Source: Mouse	Full Name: interleukin 33	Recommended Dilutions: IF 1:50-1:500
Isotype: IgM	Calculated MW: 30 kDa	Excitation/Emission maxima wavelengths: 488 nm/515 nm
Immunogen Catalog Number: AG21430	Observed MW: 35 kDa	

Applications

Tested Applications: IF, ELISA	Positive Controls: IF : HepG2 cells,
Species Specificity: human	

Background Information

IL-33 is an IL-1 family cytokine and nuclear alarmin, is constitutively expressed in epithelial barrier tissues and human blood vessels. IL-33 is involved in the maturation of Th2 cells and the activation of mast cells, basophils, eosinophils and natural killer cells. It also acts as a chemoattractant for Th2 cells, and may function as an "alarmin", that amplifies immune responses during tissue injury.

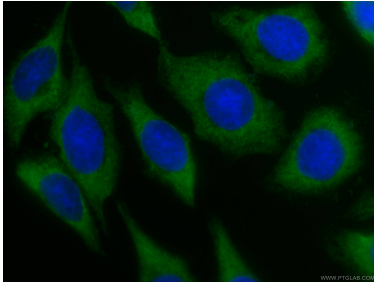
Storage

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

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)
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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



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CL488-66235 (IL33 antibody) at dilution of 1:100.