

For Research Use Only

CoraLite® Plus 488-conjugated IL-33

Monoclonal antibody



Catalog Number: **CL488-66235**

Basic Information

Catalog Number:

CL488-66235

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgM

Immunogen Catalog Number:

AG21430

GenBank Accession Number:

BC047085

GeneID (NCBI):

90865

UNIPROT ID:

O95760

Full Name:

interleukin 33

Calculated MW:

30 kDa

Observed MW:

35 kDa

Purification Method:

Thiophilic affinity chromatograph

CloneNo.:

2A9C7

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF : HepG2 cells,

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:

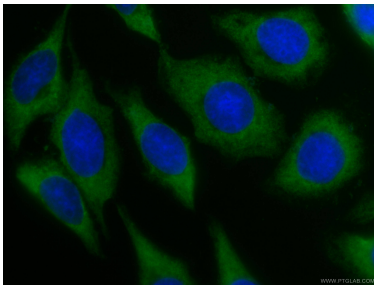
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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