

For Research Use Only

CoraLite® Plus 488-conjugated FCER1G Recombinant antibody

Catalog Number: CL488-85390



Basic Information

Catalog Number: CL488-85390	GenBank Accession Number: BC033872	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 2207	CloneNo.: 242829C5
Source: Rabbit	UNIPROT ID: P30273	Recommended Dilutions: IF/ICC: 1:250-1:1000
Isotype: IgG	Full Name: Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG4442	Calculated MW: 87 aa, 10 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : RAW 264.7 cells,
Species Specificity: human, mouse	

Background Information

FCER1G (Fc receptor gamma-chain, FcRgamma), also known as Fc-epsilon RI-gamma, or IgE Fc receptor subunit gamma (FceRI gamma), is a component of the high-affinity immunoglobulin E (IgE) receptor (Fc epsilon RI) which is a tetrameric complex of one alpha subunit, one beta subunit, and two disulfide-linked gamma subunits (PMID: 2146219; 2531187). Fc epsilon RI is present exclusively on mast cells and basophils, mediating allergic inflammatory signaling (PMID: 17438574). FCER1G is widely expressed and contains an immunoreceptor tyrosine-based activation motif (ITAM) that transduces activation signals from various immunoreceptors (PMID: 19098920).

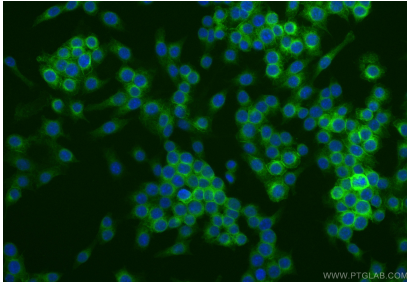
Storage

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:
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 (4% PFA) fixed RAW 264.7 cells using Coralite® Plus 488 FCER1G antibody (CL488-85390, Clone: 242829C5) at dilution of 1:500.