

For Research Use Only

CoraLite® Plus 488-conjugated FCGR2A / CD32a Monoclonal antibody



Catalog Number: **CL488-66529**

Basic Information

Catalog Number: CL488-66529	GenBank Accession Number: BC020823	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 2212	CloneNo.: 1D3F1
Source: Mouse	UNIPROT ID: P12318	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2b	Full Name: Fc fragment of IgG, low affinity IIa, receptor (CD32)	Excitation/Emission maxima wavelenghts: 493 nm / 522 nm
Immunogen Catalog Number: AG25878	Calculated MW: 35 kDa	

Applications

Tested Applications:

FC (Intra), IF/ICC

Species Specificity:

Human

Positive Controls:

IF : THP-1 cells, human tonsillitis tissue

Background Information

IgG Fc receptors (FcγRs) play important roles in immune responses. Low affinity IgG Fc receptor Fc gamma RIIa (FCGR2A, CD32a) is a cell surface receptor found on phagocytic cells such as macrophages and neutrophils, and is involved in the process of phagocytosis and clearing of immune complexes. This antibody is conjugated with CL488, Ex/Em 488 nm/515 nm.

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:

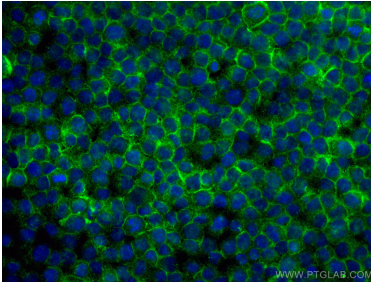
T: 4006900926

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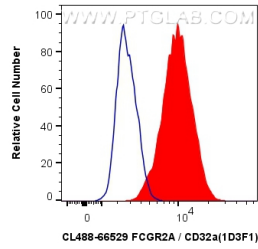
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using CoraLite® Plus 488 FCGR2A / CD32a antibody (CL488-66529, Clone: 1D3F1) at dilution of 1:50.



1×10^6 THP-1 cells were intracellularly stained with 0.8 μ g CoraLite® Plus 488 Anti-Human FCGR2A / CD32a (CL488-66529, Clone:1D3F1) (red), or 0.8 μ g CoraLite® Plus 488 Mouse IgG2b Isotype Control (MPC-11) (CL488-65128, Clone: MPC-11) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).