

For Research Use Only

CoraLite® Plus 488-conjugated CD74 Monoclonal antibody

Catalog Number: CL488-66390



Basic Information

Catalog Number:

CL488-66390

Size:

1000 ug/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG25503

GenBank Accession Number:

BC018726

GeneID (NCBI):

972

UNIPROT ID:

P04233

Full Name:

CD74 molecule, major histocompatibility complex, class II invariant chain

Calculated MW:

34 kDa

Observed MW:

31 kDa

Purification Method:

Protein A purification

CloneNo.:

2D8A1

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human

Positive Controls:

IF/ICC : Raji cells,

Background Information

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:

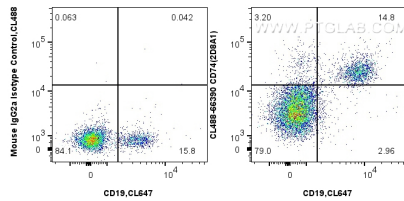
T: 4006900926

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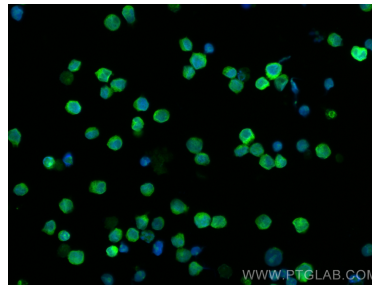
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were intracellularly stained with 0.4 ug CoraLite® Plus 488-conjugated CD74 Monoclonal antibody (CL488-66390, Clone: 2D8A1) or 0.4 ug CoraLite® Plus 488 Mouse IgG2a Isotype Control (C1.18.4) (CL488-65208, Clone: C1.18.4). Cells were co-stained with 0.4 ug CoraLite® Plus 647 Anti-Human CD19 (SJ25C1) (CL647-65145, Clone: SJ25C1). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (4% PFA) fixed Raji cells using CoraLite® Plus 488 CD74 antibody (CL488-66390, Clone: 2D8A1) at dilution of 1:200.