

For Research Use Only

CoraLite®488-conjugated CD23 Monoclonal antibody

Catalog Number: CL488-60208-2



Basic Information

Catalog Number:

CL488-60208-2

Concentration:

1000 ug/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG0425

GenBank Accession Number:

BC064417

GeneID (NCBI):

2208

UNIPROT ID:

P06734

Full Name:

Fc fragment of IgE, low affinity II,
receptor for (CD23)

Calculated MW:

321 aa, 36 kDa

Observed MW:

40 kDa

Purification Method:

Protein A purification

CloneNo.:

4C7C9

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima
wavelengths:

491 nm / 516 nm

Applications

Tested Applications:

IF-P

Species Specificity:

human, mouse

Positive Controls:

IF-P : human tonsillitis tissue,

Background Information

CD23, also known as low affinity immunoglobulin epsilon Fc receptor, is a transmembrane glycoprotein present on a subpopulation of B lymphocytes in germinal centres, EBV-transformed B-lymphoblastoid cell lines, follicular dendritic cells, and a subpopulation of peripheral blood cells. CD23 has essential roles in the regulation of IgE production and in the differentiation of B-cells.

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:

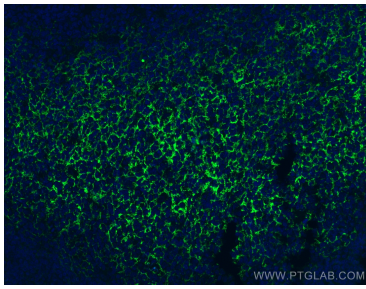
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human tonsillitis tissue using CoraLite®488 CD23 antibody (CL488-60208-2, Clone: 4C7C9) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).