For Research Use Only

CoraLite®488-conjugated CD23 Monoclonal antibody

Catalog Number:CL488-60208-2

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
CL488-60208-2

Size:
100ul , Concentration: 1000 ug/ml by Nanodrop;

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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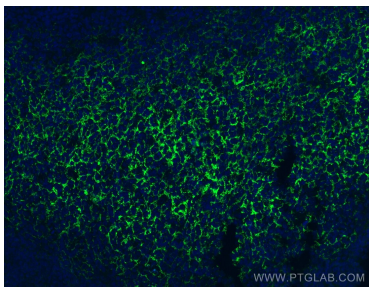
Selected Validation Data



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).