

CD23 Monoclonal antibody

Catalog Number: 60208-1-Ig 4 Publications

Basic Information

Catalog Number: 60208-1-Ig	GenBank Accession Number: BC064417	Purification Method: Protein G purification
Size: 150ul , Concentration: 507 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2208	CloneNo.: 3H6B8
Source: Mouse	Full Name: Fc fragment of IgE, low affinity II, receptor for (CD23)	Recommended Dilutions: WB 1:2000-1:8000 IHC 1:50-1:500 IF 1:50-1:500
Isotype: IgG1	Calculated MW: 321 aa, 36 kDa	
Immunogen Catalog Number: AG0425	Observed MW: 38 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls:
Cited Applications: IF, IHC, WB	WB : DC2.4 cells, Raji cells, Ramos cells, Daudi cells
Species Specificity: human, mouse	IHC : human tonsillitis tissue, human lymphoma tissue
Cited Species: human, mouse	IF : human tonsillitis tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Kiyoko Maruyama	34719578	Biol Pharm Bull	WB,IF
Ivan K Chinn	34315806	Sci Signal	IF
Qing Wang	37525587	Clin Transl Med	IHC,IF

Storage

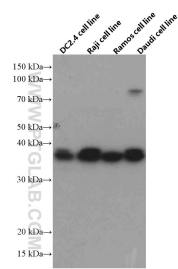
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

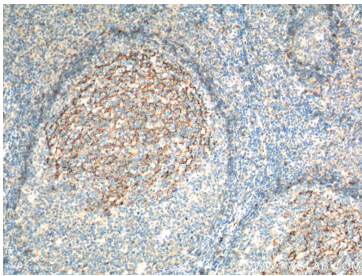
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

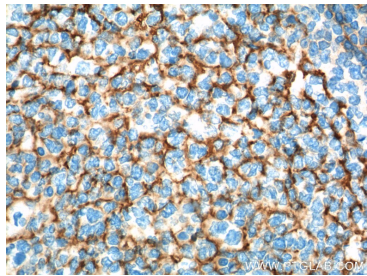
Selected Validation Data



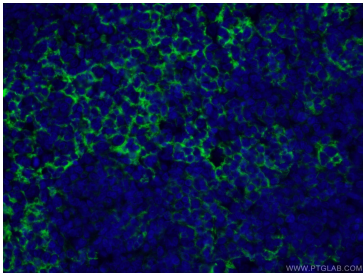
DC2.4, Raji, Ramos and Daudi cells were subjected to SDS PAGE followed by western blot with 60208-1-Ig (CD23 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



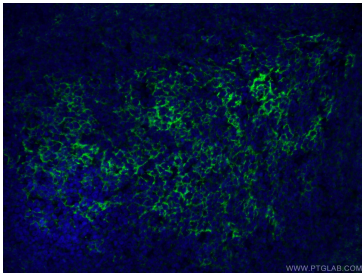
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60208-1-Ig (CD23 antibody at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60208-1-Ig (CD23 antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 60208-1-Ig (CD23 antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 60208-1-Ig (CD23 antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).