

For Research Use Only

CD23 Monoclonal antibody, PBS Only (Capture)

Catalog Number: 60208-2-PBS



Basic Information

Catalog Number: 60208-2-PBS	GenBank Accession Number: BC064417	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 2208	CloneNo.: 4C7C9
Source: Mouse	UNIPROT ID: P06734	
Isotype: IgG2a	Full Name: Fc fragment of IgE, low affinity II, receptor for (CD23)	
Immunogen Catalog Number: AG0425	Calculated MW: 321 aa, 36 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications:
WB, IHC, IF-P, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse

Product Information

60208-2-PBS targets CD23 as part of a matched antibody pair:

MP50220-1: 60208-2-PBS capture and 60208-3-PBS detection (validated in Cytometric bead array)

MP50220-2: 60208-2-PBS capture and 60208-4-PBS detection (validated in Cytometric bead array)

MP50220-3: 60208-2-PBS capture and 60208-1-PBS detection (validated in Cytometric bead array)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

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

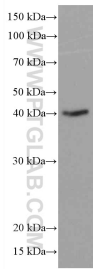
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

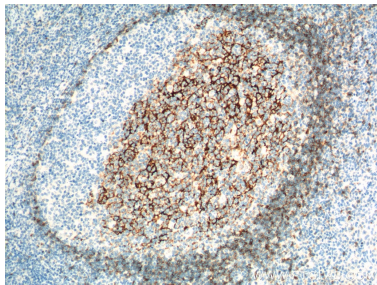
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

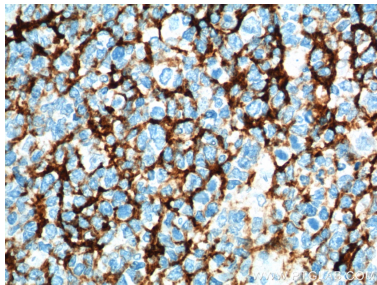
Selected Validation Data



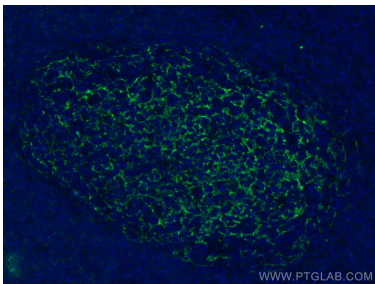
Raji cells were subjected to SDS PAGE followed by western blot with 60208-2-Ig (CD23 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60208-2-PBS in a different storage buffer formulation.



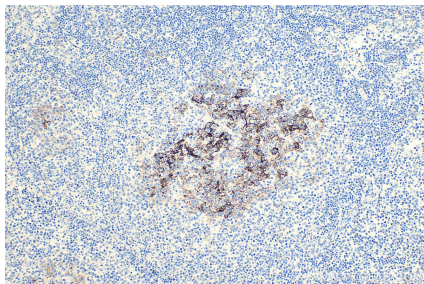
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60208-2-Ig (CD23 antibody at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60208-2-PBS in a different storage buffer formulation.



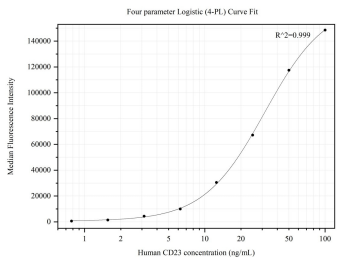
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60208-2-Ig (CD23 antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60208-2-PBS in a different storage buffer formulation.



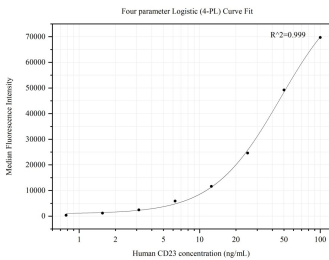
Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human tonsillitis tissue using CD23 antibody (60208-2-Ig, Clone: 4C7C9) at dilution of 1:400 and Coralite® 488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60208-2-PBS in a different storage buffer formulation.



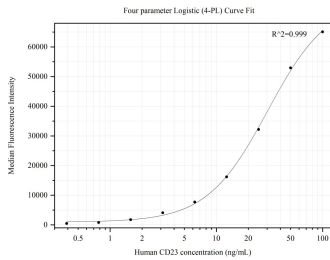
Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 60208-2-Ig (CD23 antibody) at dilution of 1:10000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60208-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP50220-1, CD23, FCER2 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60208-2-PBS. Detection antibody: 60208-3-PBS. Standard: Ag0425. Range: 0.781-100 ng/mL.



Cytometric bead array standard curve of MP50220-2, CD23, FCER2 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60208-2-PBS. Detection antibody: 60208-4-PBS. Standard: Ag0425. Range: 0.781-100 ng/mL.



Cytometric bead array standard curve of MP50220-3, CD23, FCER2 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60208-2-PBS. Detection antibody: 60208-1-PBS. Standard: Ag0425. Range: 0.391-100 ng/mL.