

For Research Use Only

# CD23 Monoclonal antibody, PBS Only (Capture/Detector)

Catalog Number: 60208-1-PBS



## Basic Information

<b>Catalog Number:</b> 60208-1-PBS	<b>GenBank Accession Number:</b> BC064417	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug , Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2208	<b>CloneNo.:</b> 3H6B8
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P06734	
<b>Isotype:</b> IgG1	<b>Full Name:</b> Fc fragment of IgE, low affinity II, receptor for (CD23)	
<b>Immunogen Catalog Number:</b> AG0425	<b>Calculated MW:</b> 321 aa, 36 kDa	
	<b>Observed MW:</b> 36 kDa	

## Applications

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

**Species Specificity:**  
human, mouse

## Product Information

60208-1-PBS targets CD23 as part of a matched antibody pair:

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

MP50220-4: 60208-1-PBS capture and 60208-4-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

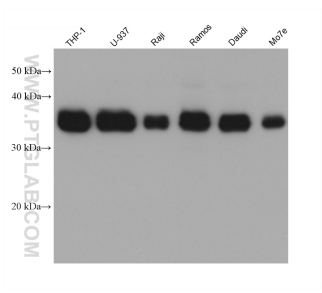
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

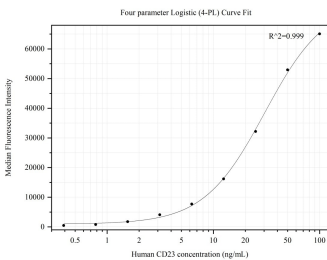
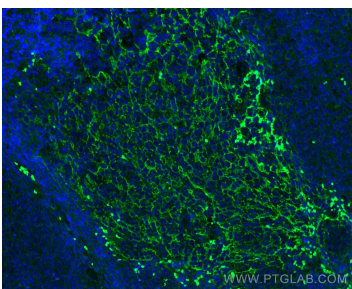
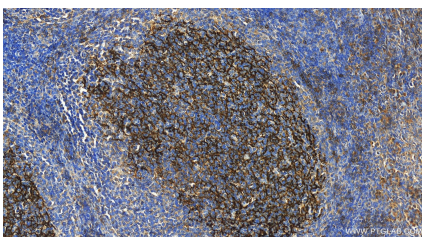
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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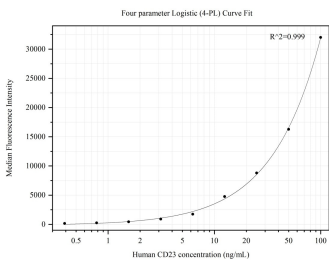
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60208-1-Ig (CD23 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60208-1-PBS in a different storage buffer formulation.



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.



Cytometric bead array standard curve of MP50220-4, CD23, FCER2 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60208-1-PBS. Detection antibody: 60208-4-PBS. Standard: Ag0425. Range: 0.391-100 ng/mL.