

bsm-33088M

[Primary Antibody]

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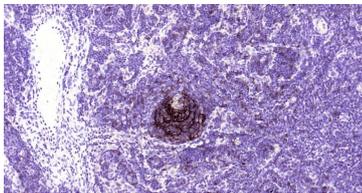
400-901-9800

CD23 Mouse mAb

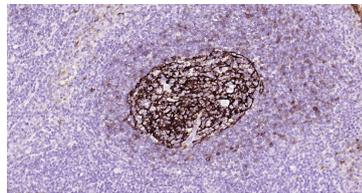
— DATASHEET —

Host: Mouse	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (1ug/Test)
Clonality: Monoclonal	CloneNo.: 12G2	
GeneID: 2208	SWISS: P06734	
Target: CD23		
Purification: affinity purified by Protein G		
Concentration: 1mg/ml		Reactivity: Human
Storage: Size : 50ul/100ul/200ul 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Predicted MW.: 36 kDa
Background: The protein encoded by this gene is a B-cell specific antigen, and a low-affinity receptor for IgE. It has essential roles in B cell growth and differentiation, and the regulation of IgE production. This protein also exists as a soluble secreted form, then functioning as a potent mitogenic growth factor. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.[provided by RefSeq, Jul 2011]		Subcellular Location: Secreted ,Cell membrane

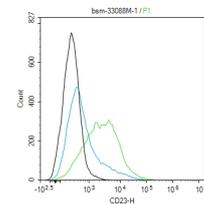
— VALIDATION IMAGES —



Paraformaldehyde-fixed, paraffin embedded Human Lymph; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD23 Monoclonal Antibody, Unconjugated(bsm-33088M) at 1:200 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD23 Monoclonal Antibody, Unconjugated(bsm-33088M) at 1:200 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.



The Daudi(H) cells were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.). Primary Antibody (green): Mouse Anti-CD23 antibody (bsm-33088M): 1 µg/10⁶ cells; Secondary Antibody (white blue): Goat anti-Mouse IgG-FITC (bs-60296G-FITC): 1 µg/test. Blank control (black): PBS. Acquisition of 20,000 events was performed.

— SELECTED CITATIONS —

- **[IF=6.922]** Maoyu Ye. et al. Long-Term Exposure to Sulfur Dioxide Before Sensitization Decreased the Production of Specific IgE in HDM-Sensitized Allergic Rhinitis Mice. J INFLAMM RES. 2022; 15: 2477–2490 IF ;Mouse. 35465447