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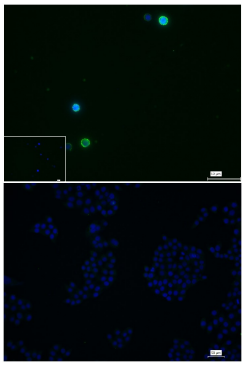
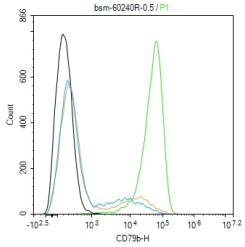
CD79b Recombinant Rabbit mAb

Catalog Number:	bsm-60240R
Target Protein:	CD79b
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Recombinant
Clone No.:	C7H9
Isotype:	IgG
Applications:	WB (1:500-1000), IHC-P (1:100-1:500), IHC-F (1:100-1:500), IF (1:100-1:500), Flow-Cyt (1ug/Test), ICC/IF (1:50-200)
Reactivity:	Human
Predicted MW:	23 kDa
Entrez Gene:	974
Swiss Prot:	P40259
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	The B lymphocyte antigen receptor is a multimeric complex that includes the antigen-specific component, surface immunoglobulin (Ig). Surface Ig non-covalently associates with two other proteins, Ig-alpha and Ig-beta, which are necessary for expression and function of the B-cell antigen receptor. This gene encodes the Ig-beta protein of the B-cell antigen component. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

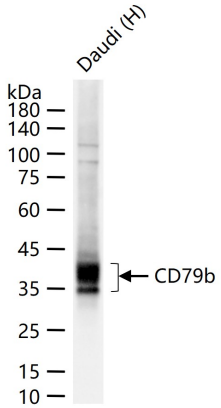
VALIDATION IMAGES



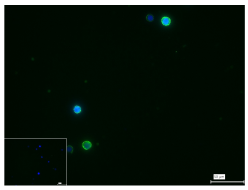
(UPPER PANEL) 4% Paraformaldehyde-fixed Ramos (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (CD79b) monoclonal Antibody, unconjugated (bsm-60240R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-60295G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control. (LOWER PANEL) MCF-7/Knockout Sample (H) cell as Negative Control. The experimental procedure was as same as above.



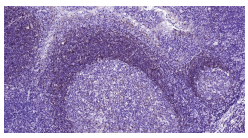
The Ramos(H) cells were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.). Primary Antibody (green): Rabbit Anti-CD79b antibody (bsm-60240R): 1 µg/10^6 cells; Secondary Antibody (white blue): Goat anti-Rabbit IgG-FITC (bs-60295G-FITC): 1 µg/test. Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.



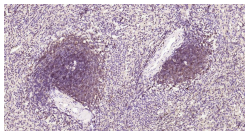
25 ug total protein per lane of various lysates (see on figure) probed with CD79b monoclonal antibody, unconjugated (bsm-60240R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



4% Paraformaldehyde-fixed Ramos (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (CD79b) monoclonal Antibody, unconjugated (bsm-60240R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-60295G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.



Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD79b Monoclonal Antibody, Unconjugated(bsm-60240R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit(Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD79b Monoclonal Antibody, Unconjugated(bsm-60240R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.