

bsm-54319R**[Primary Antibody]****BioSS**
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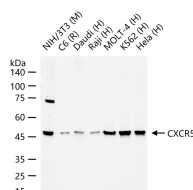
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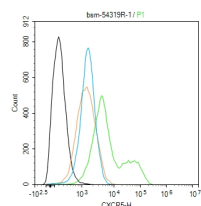
400-901-9800

CXCR5 Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:1000-5000) Flow-Cyt (1 μ g/Test) Reactivity: Human, Mouse, Rat Predicted MW.: 45 kDa Subcellular Location: Cell membrane
Clonality: Recombinant	CloneNo.: 3B7	
GeneID: 643	SWISS: P32302	
Target: CXCR5		
Immunogen: A synthesized peptide derived from human CXCR5: 330-372.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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: This gene encodes a multi-pass membrane protein that belongs to the CXC chemokine receptor family. It is expressed in mature B-cells and Burkitt's lymphoma. This cytokine receptor binds to B-lymphocyte chemoattractant (BLC), and is involved in B-cell migration into B-cell follicles of spleen and Peyer patches. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011]		

— VALIDATION IMAGES —

25 μ g total protein per lane of various lysates (see on figure) probed with CXCR5 monoclonal antibody, unconjugated (bsm-54319R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



The Molt-4(H) cells were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r.t.). Primary Antibody (green): Rabbit Anti-CXCR5 antibody (bsm-54319R): 1 μ g/ 10^6 cells; Secondary Antibody (white blue): Goat anti-Rabbit IgG-FITC (bs-40295G-FITC): 1 μ g/test. Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.

— SELECTED CITATIONS —

- **[IF=5.736]** Maria Chiara Trolese. et al. CXCL13/CXCR5 signalling is pivotal to preserve motor neurons in amyotrophic lateral sclerosis. Ebiomedicine. 2020 Dec;62:103097 IHC ;Mouse. 33161233
- **[IF=5.6]** Chunmei Cai. et al. Angiogenesis-related immune response may be the prelude to the syndesmophyte formation in Ankylosing spondylitis. INT IMMUNOPHARMACOL. 2024 May;133:112040 IHC ;Monkey. 38631220