

Basic Information

Product Name	Anti-CXCR5 Antibody (Clone#20C58)		
Gene Name	CXCR5		
Source	Rabbit		
Clonality	Monoclonal		
Isotype	IgG		
Species Reactivity	human, mouse, rat		
Tested Application	WB, IHC, ICC/IF, FCM		
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.		
Immunogen	A synthesized peptide derived from human CXCR5		
Concentration	500 ug/ml		
Observed MW	42 kDa		
Dilution Ratios	Western blot (WB):	1:500-2000	
	Immunohistochemistry (IHC):	1:50-200	
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:50-200	
	Flow Cytometry (FCM):	1:50	

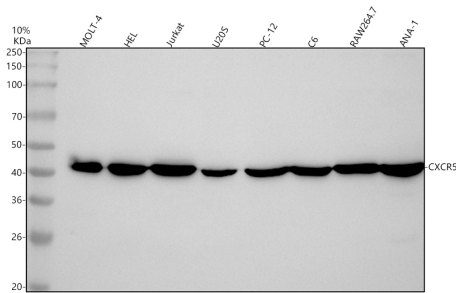
Storage

12 months from date of receipt, -20°C as supplied.

Background Information

Cytokine receptor that binds to B-lymphocyte chemoattractant (BLC). Involved in B-cell migration into B-cell follicles of spleen and Peyer patches but not into those of mesenteric or peripheral lymph nodes. May have a regulatory function in Burkitt lymphoma (BL) lymphomagenesis and/or B-cell differentiation.

Selected Validation Data



Western blot analysis of anti-CXCR5 antibody (BM5719). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human MOLT-4 whole cell lysates,

Lane 2: human HEL whole cell lysates,

Lane 3: human Jurkat whole cell lysates,

Lane 4: human U20S whole cell lysates,

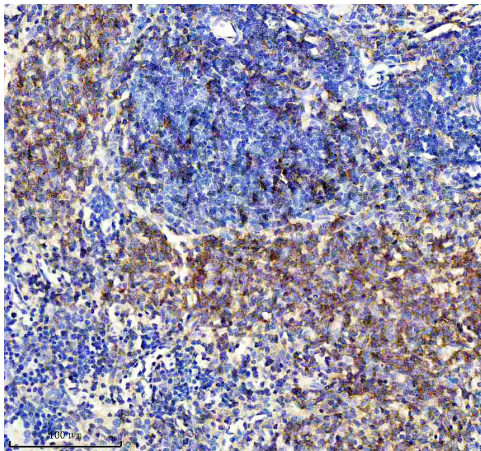
Lane 5: rat PC-12 whole cell lysates,

Lane 6: rat C6 whole cell lysates,

Lane 7: mouse RAW264.7 whole cell lysates,

Lane 8: mouse Ana-1 whole cell lysates.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-CXCR5 antigen affinity purified monoclonal antibody (BM5719) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for CXCR5 at approximately 42 kDa. The expected band size for CXCR5 is at 42 kDa.



IHC analysis of CXCR5 using anti-CXCR5 antibody (BM5719) .

CXCR5 was detected in a paraffin-embedded section of rat spleen tissue.

The tissue section was incubated with rabbit anti-CXCR5 Antibody (BM5719) at a dilution of 1:200 and developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB (Catalog # AR1027) as the chromogen.