

Basic Information

Product Name	Anti-CXCR5 Antibody	
Gene Name	CXCR5	
Source	Rabbit	
Clonality	Polyclonal	
Isotype	IgG	
Species Reactivity	mouse, rat	
Tested Application	IHC, ELISA	
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg/ml BSA and 50% glycerol.	
Immunogen	E.coli-derived mouse Cxcr5 recombinant protein (Position: M1-F374).	
Concentration	500 ug/ml	
Purification	Immunogen affinity purified.	
Dilution Ratios	ELISA: 1:100-1000 Immunohistochemistry (IHC): 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.	

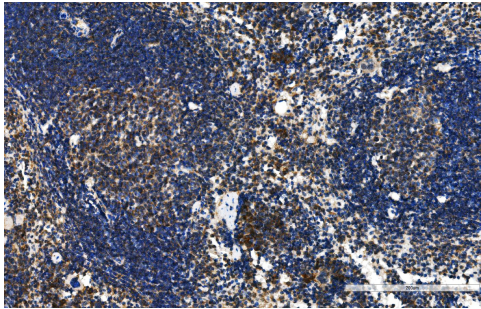
Storage

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

Background Information

CXCR5(Chemokine CXC Motif Receptor 5), also known as BLR1, is a G protein-coupled seven transmembrane receptor for chemokine CXCL13(also known as BLC) and belongs to the CXC chemokine receptor family. In humans, the CXC-R5 protein is encoded by the CXCR5 gene. The gene plays an essential role in B cell migration. Reif et al.(2002) concluded that their findings defined the mechanism of B-cell relocalization in response to antigen, and established that cell position in vivo can be determined by the balance of responsiveness to chemoattractants made in separate but adjacent zones. Chan et al.(2003) investigated the expression of chemokines and chemokine receptors in eyes with primary intraocular B-cell lymphoma(PIOL).

Selected Validation Data



IHC analysis of CXCR5 using anti-CXCR5 antibody (A00663-1).

CXCR5 was detected in a paraffin-embedded section of mouse spleen tissue. Biotinylated goat anti-rabbit IgG was used as secondary antibody. The tissue section was incubated with rabbit anti-CXCR5 Antibody (A00663-1) at a dilution of 1:200 and developed using Streptavidin-Biotin-Complex (SABC) (Catalog # SA1022) with DAB (Catalog # AR1027) as the chromogen.