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Datasheet for ABIN701380

anti-CXCR5 antibody (AA 281-372)

1 Image

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Overview

Quantity:	100 µL
Target:	CXCR5
Binding Specificity:	AA 281-372
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCR5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CXCR5
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Cow,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	CXCR5
Alternative Name:	CXCR5/CD185 (CXCR5 Products)

Target Details

Background: Synonyms: BLR1, CD185, MDR15, C-X-C chemokine receptor type 5, CXC-R5, CXCR-5, Burkitt lymphoma receptor 1, Monocyte-derived receptor 15, MDR-15, CXCR5
Background: 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.

Gene ID: 643

UniProt: [P32302](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

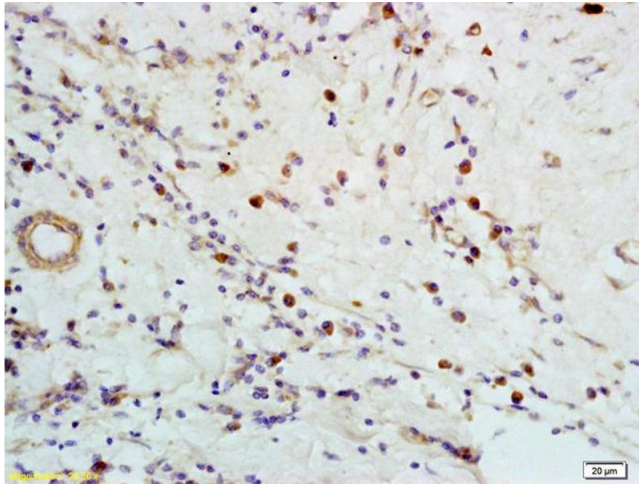
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Publications

Product cited in: Huang, Liu, Wang, Li: "Age-related macular degeneration phenotypes are associated with increased tumor necrosis-alpha and subretinal immune cells in aged Cxcr5 knockout mice." in: **PLoS ONE**, Vol. 12, Issue 3, pp. e0173716, (2017) ([PubMed](#)).

Gong, Zhu, Pang, Ai, Gong, La, Ding: "Increased levels of CCR7(lo)PD-1(hi) CXCR5+ CD4+ T cells, and associated factors Bcl-6, CXCR5, IL-21 and IL-6 contribute to repeated implantation failure." in: **Experimental and therapeutic medicine**, Vol. 14, Issue 6, pp. 5931-5941, (2017) ([PubMed](#)).



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human breast carcinoma labeled with Anti-CXCR5 Polyclonal Antibody, Unconjugated (ABIN701380) at 1:200 followed by conjugation to the secondary antibody and DAB staining