

Datasheet for ABIN285681

anti-CXCR4 antibody (Extracellular Domain, N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	200 µg
Target:	CXCR4
Binding Specificity:	Extracellular Domain, N-Term
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CXCR4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	CXCR4 antibody was raised in goat using YSEEVGSGDYDSNKEPCFRDENVHFNR corresponding to the N-terminal extracellular domain of mouse CXCR4 receptor. as the immunogen.
Cross-Reactivity:	Xenopus laevis

Target Details

Target:	CXCR4
Alternative Name:	CXCR4 (CXCR4 Products)
Background:	Chemokine receptors are G protein-coupled receptors (GPCRs) and play a key role in inflammation and are characterized by similar sequences with a 4 cysteine motif. CXCR-4 is an alpha-chemokine receptor specific for stromal-derived-factor-1 (SDF-1 also called CXCL12), a

Target Details

molecule endowed with potent chemotactic activity for lymphocytes.

Pathways: [Regulation of Cell Size, CXCR4-mediated Signaling Events](#)

Application Details

Application Notes: ELISA: 1:25,000, IHC: 1:150, WB: 1:500
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: 10 mM KHPO₄, 140 M NaCl with 1 mg/mL BSA and 0.1 % NaN₃.

Preservative: Sodium azide

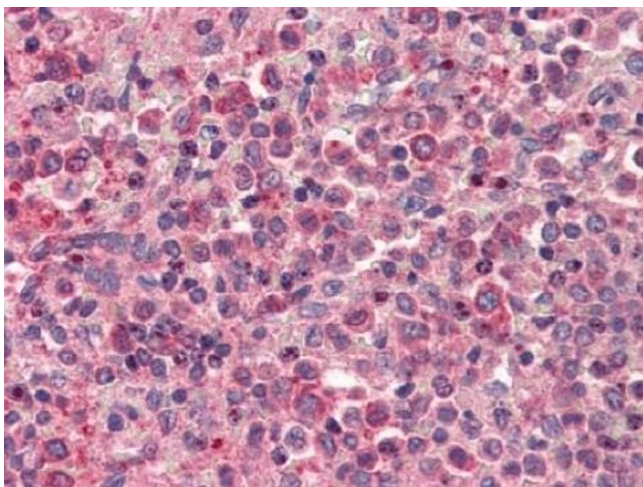
Precaution of Use: This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: -20 °C/-80 °C

Storage Comment: Aliquot and store at -20 °C for short term storage, -70 °C for long-term storage.

Images



Immunohistochemistry

Image 1. Immunohistochemistry on paraffin section of mouse spleen