

Datasheet for ABIN285675
anti-CCR7 antibody (AA 2-22)



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1 Image

Overview

Quantity:	100 µg
Target:	CCR7
Binding Specificity:	AA 2-22
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CCR7 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunochromatography (IC)

Product Details

Immunogen:	CCR7 antibody was raised in goat using a synthetic peptide DPGKPRKNVLVALLVIFQVC corresponding to amino acid residues 2-22 of mouse CCR7 as the immunogen.
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Peptide sequence is <50 % identical to other mouse chemokine receptors in this region and crossreacts with human CCR7

Target Details

Target:	CCR7
Alternative Name:	CCR7 (CCR7 Products)

Target Details

Background: C-C chemokine receptor type 7 is a protein that in humans is encoded by the CCR7 gene. CCR7 has also recently been designated CD197 (cluster of differentiation 197). The protein encoded by this gene is a member of the G protein-coupled receptor family. This receptor was identified as a gene induced by the Epstein-Barr virus (EBV), and is thought to be a mediator of EBV effects on B lymphocytes. This receptor is expressed in various lymphoid tissues and activates B and T lymphocytes.

Pathways: [Regulation of Actin Filament Polymerization](#), [Positive Regulation of Immune Effector Process](#)

Application Details

Application Notes: ELISA: 1:100,000, FC: 1:10, IC: 1:250, IHC: 1:250, WB: 1:1,000
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: 10 mM KHPO4, pH 7.2, with 140 M NaCl, 1 mg/mL BSA and 0.1 % NaN3.

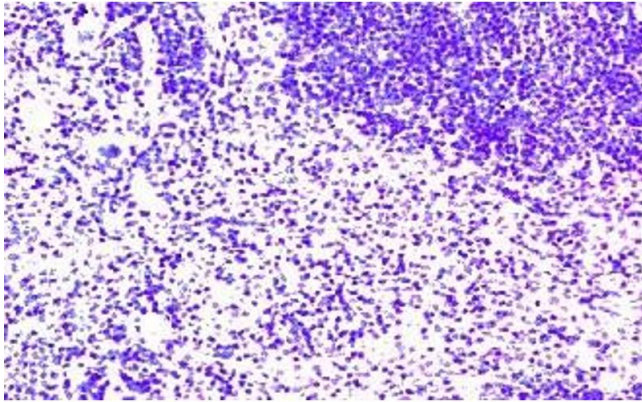
Preservative: Sodium azide

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.



Immunohistochemistry

Image 1. Immunohistochemistry on paraffin section of mouse spleen