

Anti-CCR9 Rabbit Monoclonal Antibody
Catalog # ABO13297**Specification**

Anti-CCR9 Rabbit Monoclonal Antibody - Product Information

Application	WB, IF, ICC, FC
Primary Accession	P51686
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-CCR9 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Anti-CCR9 Rabbit Monoclonal Antibody - Additional Information

Gene ID 10803

Other Names

C-C chemokine receptor type 9, C-C CKR-9, CC-CKR-9, CCR-9, G-protein coupled receptor 28, GPR-9-6, CDw199, CCR9, GPR28

Calculated MW

42016 MW KDa

Application Details

WB 1:500-1:2000
ICC/IF 1:50-1:200
FC 1:50

Subcellular Localization

Cell membrane; Multi-pass membrane protein.

Tissue Specificity

Highly expressed in the thymus and low in lymph nodes and spleen..

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human CCR9

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated

freeze-thaw cycles.

Anti-CCR9 Rabbit Monoclonal Antibody - Protein Information

Name CCR9

Synonyms GPR28

Function

Receptor for chemokine SCYA25/TECK. Subsequently transduces a signal by increasing the intracellular calcium ions level.

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

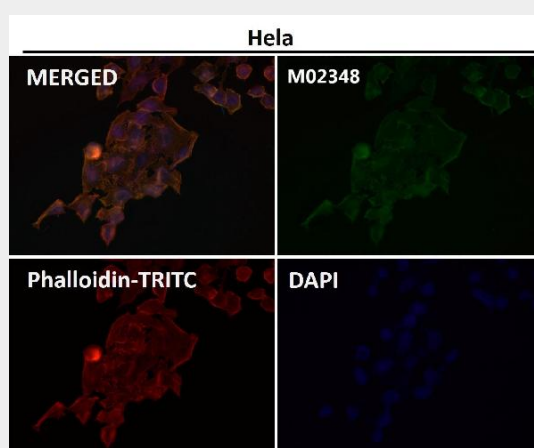
Highly expressed in the thymus and low in lymph nodes and spleen.

Anti-CCR9 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CCR9 Rabbit Monoclonal Antibody - Images



Immunofluorescent analysis using the Antibody at 1:50 dilution.

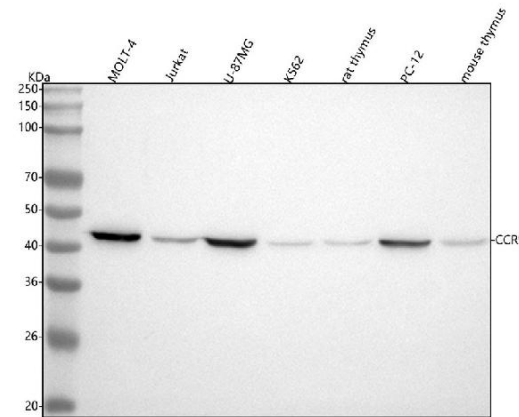


Figure 1. Western blot analysis of CCR9 using anti-CCR9 antibody (M02348).

Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. 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 Jurkat whole cell lysates,
- Lane 3: human U-87MG whole cell lysates,
- Lane 4: human K562 whole cell lysates,
- Lane 5: rat thymus tissue lysates,
- Lane 6: rat PC-12 whole cell lysates,
- Lane 7: mouse thymus tissue lysates.

After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-CCR9 antigen affinity purified monoclonal antibody (Catalog # M02348) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for CCR9 at approximately 42 kDa. The expected band size for CCR9 is at 42 kDa.