Anti-CCR9 Antibody (Clone#AAO-3)

Catalog Number: *BM3962*

BOSTER®
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.
Web: www.boster.com ***Phone:*** 027-67845390/1/2 ***Email:*** boster@boster.com

Basic Information

Product Name	Anti-CCR9 Antibody (Clone#AAO-3)
Gene Name	CCR9
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, ICC/IF, FCM
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human CCR9
Concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	45 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Immunocytochemistry/Immunofluorescence (ICC/IF):1:50-200 Flow Cytometry (FCM): 1:20

Storage

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

Background Information

C-C chemokine receptor type 9, also called GPR-9-6 or CDw199, is a protein that in humans is encoded by the CCR9 gene. The protein encoded by this gene is a member of the beta chemoking receptor family. By radiation hybrid analysis and organization of BAC contigs by FISH on combed genomic DNA, the CCR9 gene within the CCR cluster was localized at 3p21.3. It is the receptor for chemokine SCYA25/TECK. This gene subsequently transduces a signal by increasing the intracellular calcium ions level. It is an alternative coreceptor with CD4 for HIV-1 infection. This gene may play a role in the thymocytes recruitment and development that may permit functional specialization of immune responses in different segment of the gastrointestinal tract.

Reference

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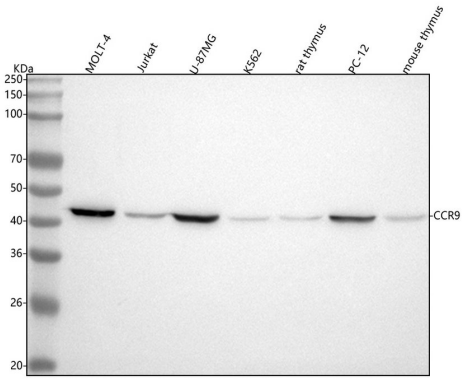
Anti-CCR9 Antibody (Clone#AAO-3)被引用在1文献中。

Selected Validation Data



Western blot analysis of anti-CCR9 antibody (BM3962). 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-87 MG 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 membrane. Then the membrane was incubated with rabbit anti-CCR9 antigen affinity purified monoclonal antibody (BM3962) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for CCR9 at approximately 45 kDa. The expected band size for CCR9 is at 42 kDa.