CXCR6 Rabbit mAb

Catalog NO.: A28712 Recombinant

Basic Information

Observed MW

Calculated MW
40 KDa

Category
Monoclonal Antibodies

Applications
IF-F, IHC-P, FC, ELISA

Cross-Reactivity
Mouse

Conjugation
Unconjugated

Clone number
ARC5204-01

Background

Enables C-X-C chemokine binding activity and C-X-C chemokine receptor activity. Predicted to be involved in several processes, including calcium-mediated signaling; cell chemotaxis; and positive regulation of cytosolic calcium ion concentration. Predicted to be located in plasma membrane. Predicted to be active in external side of plasma membrane. Is expressed in central nervous system and retina. Orthologous to human CXCR6 (C-X-C motif chemokine receptor 6).

Recommended Dilutions

IF-F	1:100 - 1:400
IHC-P	1:400 - 1:1600
FC	1:500-1:1000

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.For high-ratio antibody dilutions (⩾1:10000)

Immunogen Information

Gene ID
80901

Swiss Prot
Q9EQ16

Immunogen
This information is considered to be commercially sensitive.

Synonyms
BONZO; STRL33

Contact

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

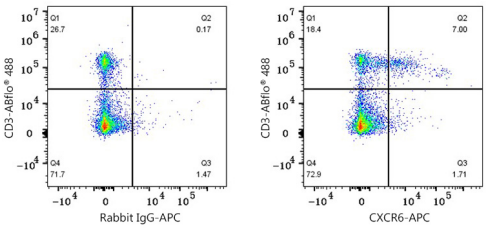
Source
Rabbit

Isotype
IgG

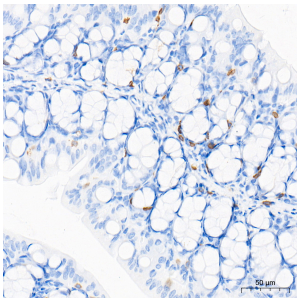
Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze.
Buffer: PBS with 0.09% sodium azide,0.05% BSA,50% glycerol,pH7.3

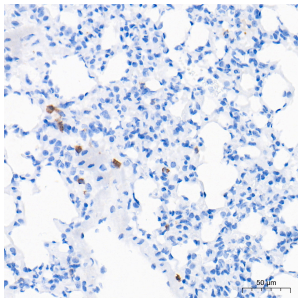
Validation Data



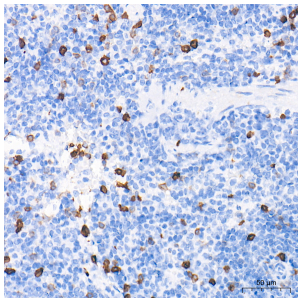
Flow cytometry: 1X10^6 C57BL/6 mouse splenocytes were surface-stained with ABflo® 488 Rat anti-Mouse CD3 mAb (A27161,5 µl/Test) and Rabbit IgG isotype control (AC042,2 µg/mL,left) or CXCR6 Rabbit mAb (A28712,2 µg/mL,right), followed by APC conjugated goat anti-rabbit pAb staining.



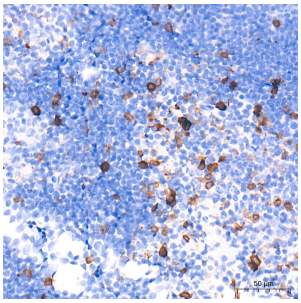
Immunohistochemistry analysis of paraffin-embedded Mouse intestine tissue using CXCR6 Rabbit mAb (A28712) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

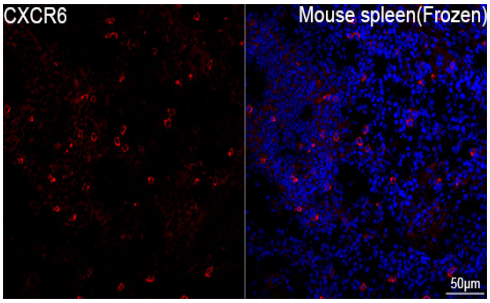


Immunohistochemistry analysis of paraffin-embedded Mouse lung tissue using CXCR6 Rabbit mAb (A28712) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using CXCR6 Rabbit mAb (A28712) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.





Immunohistochemistry analysis of paraffin-embedded Mouse thymus tissue using CXCR6 Rabbit mAb (A28712) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

Confocal imaging of frozen sections of Mouse spleen tissue using CXCR6 Rabbit mAb (A28712, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.

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