

CXCR6 Rabbit mAb

Catalog No.: A28712 **Recombinant**

Basic Information

Observed MW

Calculated MW

40 KDa

Category

Primary antibody

Applications

IF-F,IHC-P,FC,ELISA

Cross-Reactivity

Mouse

CloneNo 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 ($\geq 1:10000$) a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID

80901

Swiss Prot

Q9EQ16

Immunogen

This information is considered to be commercially sensitive.

Synonyms

BONZO; STRL33

Product Information

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

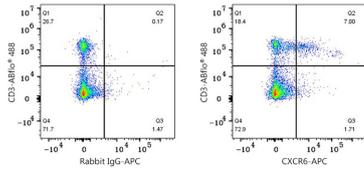
Contact

 | 400-999-6126

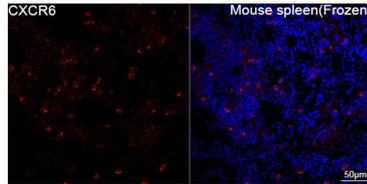
 | cn.market@abclonal.com.cn

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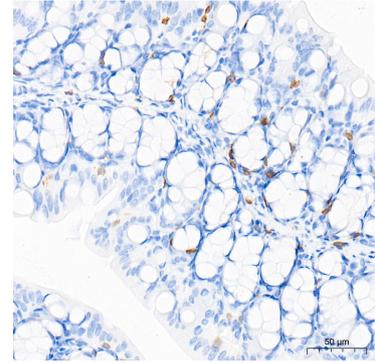
Validation Data



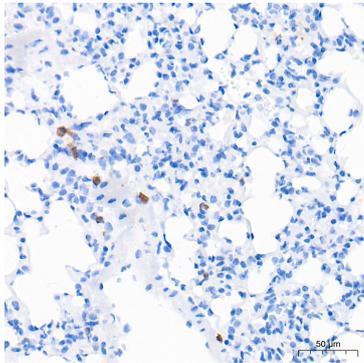
Flow cytometry: 1×10^6 C57BL/6 mouse splenocytes were surface-stained with ABflo® 488 Rat anti-Mouse CD3 mAb (A27161, 5 μ l/Test) and Rabbit IgG isotype control (AC042, 2 μ g/mL, left) or CXCR6 Rabbit mAb (A28712, 2 μ g/mL, right), followed by APC conjugated goat anti-rabbit pAb staining.



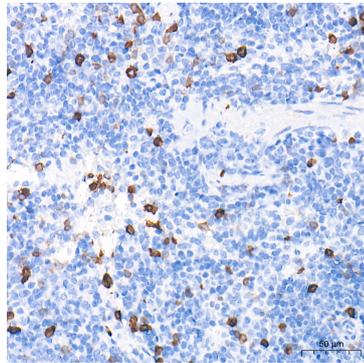
Confocal imaging of frozen sections of Mouse spleen tissue using CXCR6 Rabbit mAb (A28712, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with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



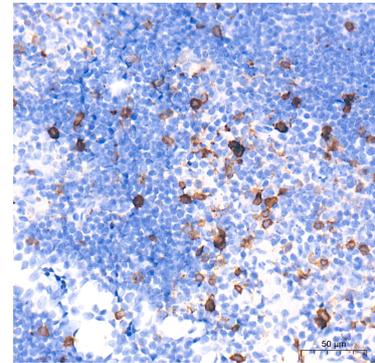
Immunohistochemistry analysis of paraffin-embedded Mouse intestine tissue using CXCR6 Rabbit mAb (A28712) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



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.