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CD11c Rabbit mAb

Catalog No.: A29496 Recombinant

Basic Information

Observed MW
145 kDa

Calculated MW
129 kDa

Category
Primary antibody

Applications
WB,IF/ICC,IHC-P,ELISA

Cross-Reactivity
Mouse

CloneNo number
ARC4065-02

Background

Predicted to enable receptor tyrosine kinase binding activity and signaling receptor activity. Involved in positive regulation of gene expression and positive regulation of myelination. Acts upstream of or within defense response to virus. Located in external side of plasma membrane. Is expressed in heart; hemolymphoid system; and intestine. Orthologous to human ITGAX (integrin subunit alpha X).

Recommended Dilutions

WB	1:10000 - 1:40000
IF/ICC	1:50 - 1:200
IHC-P	1:3000 - 1:12000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay. For high-ratio antibody dilutions (≥1:10000)□a sequential dilution method is strongly recommended to ensure measurement accuracy.requirements.

Immunogen Information

Gene ID
16411

Swiss Prot
Q9QXH4

Immunogen
This information is considered to be commercially sensitive.

Synonyms

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

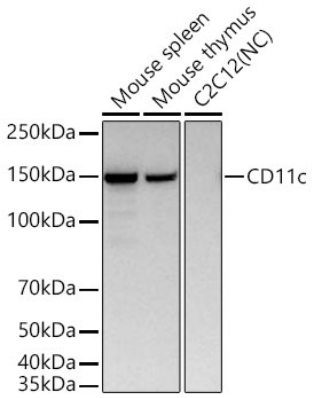
Storage
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Contact

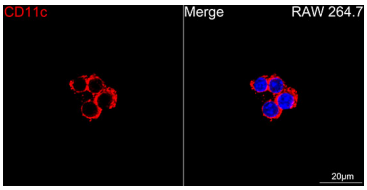
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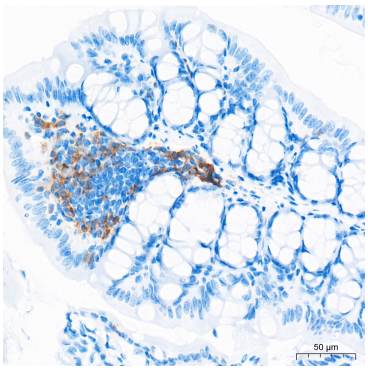
Validation Data



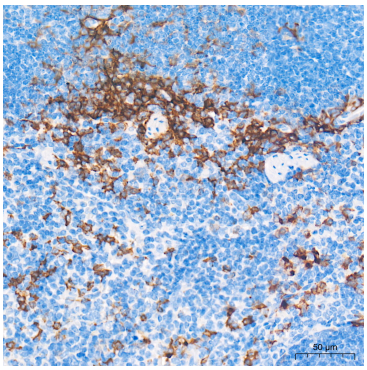
Western blot analysis of various lysates using CD11c Rabbit mAb (A29496) at 1:20000 dilution incubated overnight at 4℃.|Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.|Lysates/proteins: 25 µg per lane.|Blocking buffer: 3% nonfat dry milk in TBST.|Detection: ECL Basic Kit (RM00020).|Negative control (NC): C2C12.|Exposure time: 5 s.



Confocal imaging of RAW 264.7 cells using CD11c Rabbit mAb (A29496, dilution 1:50) 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). Objective: 100x



Immunohistochemistry analysis of paraffin-embedded Mouse colon tissue using CD11c Rabbit mAb (A29496) at a dilution of 1:6000 (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 CD11c Rabbit mAb (A29496) at a dilution of 1:6000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining