Leader in Biomolecular Solutions for Life Science

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F4/80 Rabbit mAb

Catalog No.: A23788

Recombinant | 17 Publications

Basic Information

Observed MW
Refer to figures

Calculated MW
102kDa

Category
Monoclonal Antibodies

Applications
IF-P, IHC-P, mIHC, ELISA

Cross Reactivity
Mouse, Rat

Clone No.
ARC61555

Background

Predicted to enable G protein-coupled receptor activity. Predicted to be involved in adenylate cyclase-activating G protein-coupled receptor signaling pathway. Predicted to act upstream of or within G protein-coupled receptor signaling pathway and adaptive immune response. Located in external side of plasma membrane. Is expressed in several structures, including cardiovascular system; central nervous system; genitourinary system; hemolymphoid system; and intestine. Orthologous to human ADGRE1 (adhesion G protein-coupled receptor E1).

Recommended Dilutions

IF-P	1:100 - 1:400
IHC-P	1:300 - 1:1200
mIHC	1:200 - 1:800

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
13733

Swiss-Prot
Q61549

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
Emr1; Ly71; F4/80; Gpf480; TM7LN3; DD7A5-7; EGF-TM7

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

Product Information

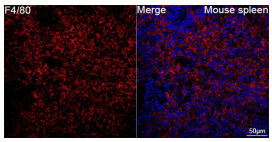
Source
Rabbit

Isotype
IgG

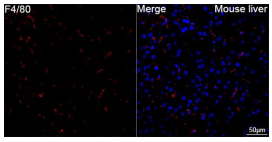
Purity
Affinity purification

Storage
Store at -20℃

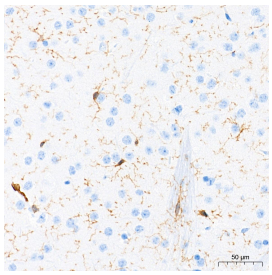
Validation Data



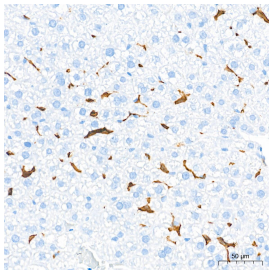
Confocal imaging of paraffin-embedded Mouse spleen tissue using F4/80 Rabbit mAb (A23788, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



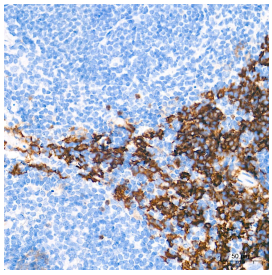
Confocal imaging of paraffin-embedded Mouse liver tissue using F4/80 Rabbit mAb (A23788, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



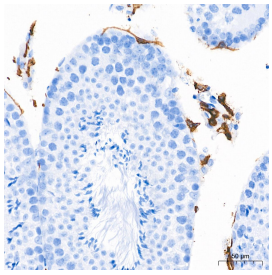
Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using F4 /80 Rabbit mAb (A23788) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



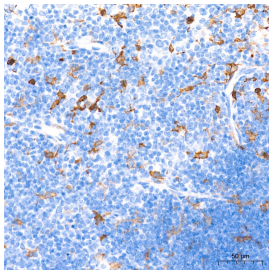
Immunohistochemistry analysis of paraffin-embedded Mouse liver tissue using F4 /80 Rabbit mAb (A23788) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



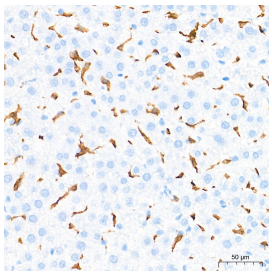
Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using F4 /80 Rabbit mAb (A23788) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



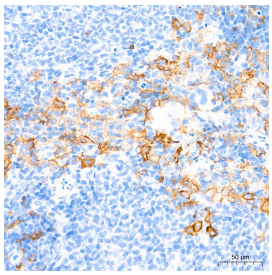
Immunohistochemistry analysis of paraffin-embedded Mouse testis tissue using F4 /80 Rabbit mAb (A23788) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



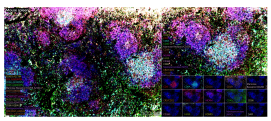
Immunohistochemistry analysis of paraffin-embedded Mouse thymus tissue using F4/80 Rabbit mAb (A23788) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



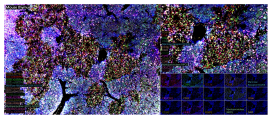
Immunohistochemistry analysis of paraffin-embedded Rat liver tissue using F4/80 Rabbit mAb (A23788) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue using F4/80 Rabbit mAb (A23788) 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.



The multiplex IHC analysis on paraffin-embedded Mouse spleen tissue using the following specific primary antibodies and tyramide signal amplification (TSA) reagents (RK05903) : FOXP3 Rabbit mAb (A27744, 1:600) with TSA-TYR-520 (Yellow), and CD4 Rabbit PolymAb® (A26036PM, 1:400) with TSA-TYR-570 (Red), and CD8A Rabbit PolymAb® (A23305PM, 1:1000) with TSA-TYR-620 (Cyan), and CD45 Rabbit PolymAb® (A24802PM, 1:1000) with TSA-TYR-690 (Green), and Mannose Receptor/CD206 Rabbit mAb (A21014, 1:200) with TSA-TYR-480 (Light Pink), and CD19 Rabbit mAb (A26042, 1:2000) with TSA-TYR-520 (Golden Orange), and CD22 Rabbit PolymAb® (A26417PM, 1:200) with TSA-TYR-570 (Magenta), and CD86 Rabbit mAb (A29061, 1:1500) with TSA-TYR-620 (Yellow), and F4/80 Rabbit mAb (A23788, 1:500) with TSA-TYR-690 (Yellow-Green), and CD163 Rabbit PolymAb® (A26411PM, 1:20000) with TSA-TYR-480 (Pale Pink), and NCAM Rabbit PolymAb® (A27193PM, 1:5000) with TSA-TYR-520 (Bright Magenta), and Myeloperoxidase (MPO) Rabbit mAb (A22900, 1:6000) with TSA-TYR-570 (Purple), and CR2/CD21 Rabbit mAb (A23512, 1:5000) with TSA-TYR-620 (Amber), and CD11b Rabbit PolymAb® (A26754PM, 1:400) with TSA-TYR-690 (Orange). DAPI (White) was used for nuclear staining. Prior to multiplex IHC staining, high-pressure antigen retrieval was performed using 0.01M citrate buffer at pH 6.0. The analysis was completed using a 40x objective lens.



The multiplex IHC analysis on paraffin-embedded Mouse thymus tissue using the following specific primary antibodies and tyramide signal amplification (TSA) reagents (RK05903) : FOXP3 Rabbit mAb (A27744, 1:600) with TSA-TYR-520 (Amber), and CD4 Rabbit PolymAb® (A26036PM, 1:400) with TSA-TYR-570 (Red), and CD8A Rabbit PolymAb® (A23305PM, 1:1000) with TSA-TYR-620 (Bright Green), and CD45 Rabbit PolymAb® (A24802PM, 1:1000) with TSA-TYR-690 (Green), and Mannose Receptor/CD206 Rabbit mAb (A21014, 1:200) with TSA-TYR-480 (Cyan), and CD19 Rabbit mAb (A26042, 1:2000) with TSA-TYR-520 (Golden Orange), and CD22 Rabbit PolymAb® (A26417PM, 1:200) with TSA-TYR-570 (White), and CD86 Rabbit mAb (A29061, 1:1500) with TSA-TYR-620 (Pink), and F4/80 Rabbit mAb (A23788, 1:500) with TSA-TYR-690 (Magenta), and CD163 Rabbit PolymAb® (A26411PM, 1:20000) with TSA-TYR-480 (Pale Pink), and NCAM Rabbit PolymAb® (A27193PM, 1:5000) with TSA-TYR-520 (Green), and Myeloperoxidase (MPO) Rabbit mAb (A22900, 1:6000) with TSA-TYR-570 (Pale Green), and CR2/CD21 Rabbit mAb (A23512, 1:5000) with TSA-TYR-620 (Bright Magenta), and CD11b Rabbit PolymAb® (A26754PM, 1:400) with TSA-TYR-690 (Light Pink). DAPI (White) was used for nuclear staining. Prior to multiplex IHC staining, high-pressure antigen retrieval was performed using 0.01M citrate buffer at pH 6.0. The analysis was completed using a 10x objective lens.