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CD163 Rabbit mAb

Catalog No.: A25206 Recombinant 1 Publications

Basic Information

Observed MW
170kDa

Calculated MW
121kDa/125kDa

Category
Primary antibody

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

Cross-Reactivity
Human, Mouse, Rat

CloneNo number
ARC66243

Background

Predicted to enable scaffold protein binding activity and scavenger receptor activity. Predicted to act upstream of or within acute-phase response. Predicted to be located in plasma membrane. Predicted to be active in external side of plasma membrane. Is expressed in several structures, including gut; immune system; male reproductive gland or organ; olfactory lobe; and quadriceps femoris muscle. Orthologous to human CD163 (CD163 molecule).

Recommended Dilutions

WB	1:5000 - 1:30000
IF-P	1:200 - 1:2000
IHC-P	1:200 - 1:2000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
93671

Swiss Prot
Q2VLH6

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

Synonyms
CD163v2; CD163v3;M130

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

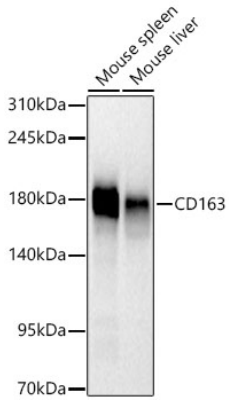
Source
Rabbit

Isotype
IgG

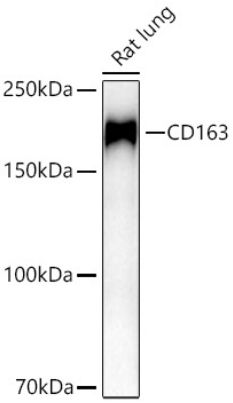
Purification
Affinity purification

Storage
Store at -20℃

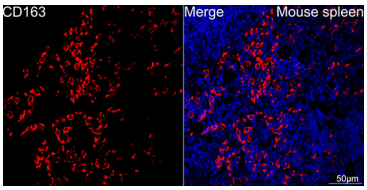
Validation Data



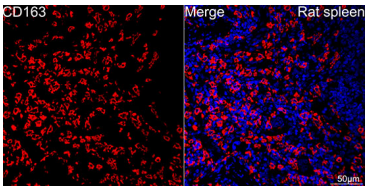
Western blot analysis of various lysates using CD163 Rabbit mAb (A25206) at 1:5000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



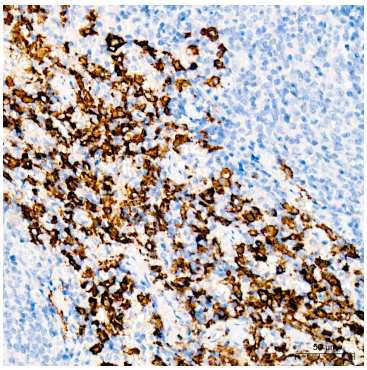
Western blot analysis of lysates from Rat lung using CD163 Rabbit mAb (A25206) at 1:5000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Confocal imaging of paraffin-embedded mouse spleen using CD163 Rabbit mAb (A25206, dilution 1:200) followed by a further incubation with ABflo® 488-conjugated Goat Anti-Rabbit IgG (H+L) Ab (AS073, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.

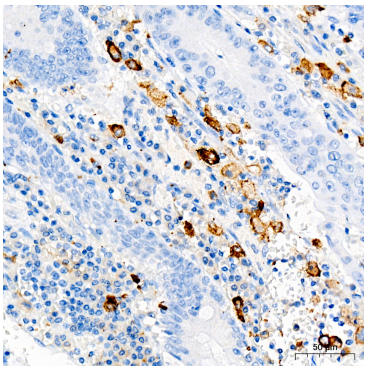


Confocal imaging of paraffin-embedded rat spleen using CD163 Rabbit mAb (A25206, dilution 1:200) followed by a further incubation with ABflo® 488-conjugated Goat Anti-Rabbit IgG (H+L) Ab (AS073, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.

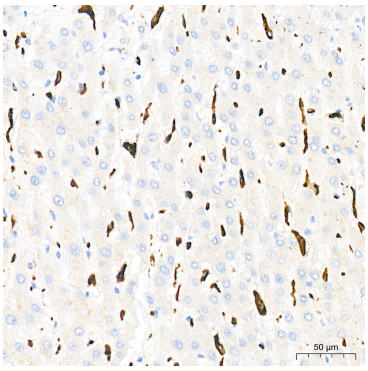


Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue using CD163 Rabbit mAb (A25206) at a dilution of 1:500 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

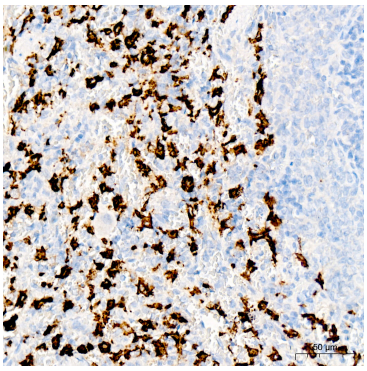
Validation Data



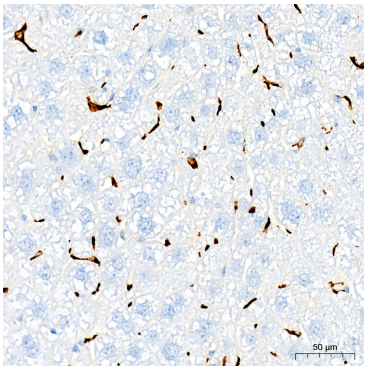
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using CD163 Rabbit mAb (A25206) at a dilution of 1:500 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



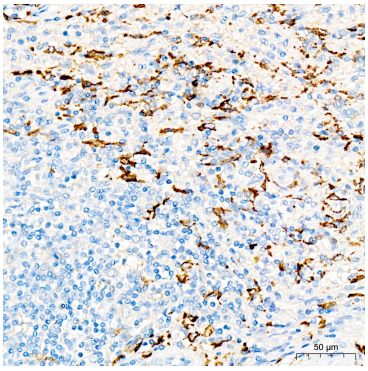
Immunohistochemistry analysis of paraffin-embedded Human liver tissue using CD163 Rabbit mAb (A25206) at a dilution of 1:500 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



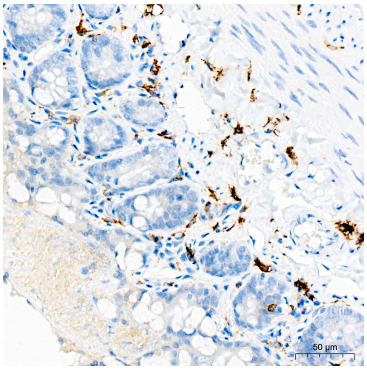
Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using CD163 Rabbit mAb (A25206) at a dilution of 1:500 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse liver tissue using CD163 Rabbit mAb (A25206) at a dilution of 1:500 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human spleen tissue using CD163 Rabbit mAb (A25206) at a dilution of 1:500 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using CD163 Rabbit mAb (A25206) at a dilution of 1:500 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.