Leader in Biomolecular Solutions for Life Science

CD68 Rabbit PolymAb®

Catalog No.: A24386PM 1 Publications



Basic Information

Observed MW 70-130kDa

Calculated MW 70-130kDa

Category Primary antibody

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

Cross-Reactivity Human, Mouse

Background

Involved in several processes, including cellular response to lipopolysaccharide; cellular response to oxidised low-density lipoprotein particle stimulus; and negative regulation of dendritic cell antigen processing and presentation. Acts upstream of or within aging and cellular response to organic substance. Located in lysosome and plasma membrane. Is expressed in several structures, including central nervous system; embryo mesenchyme; heart blood vessel; liver; and spleen. Orthologous to human CD68 (CD68 molecule).

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:5000 - 1:14000
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID 968/12514 Swiss Prot P34810/P31996

Immunogen

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

Synonyms

Lamp4; gp110; Scard1

Contact

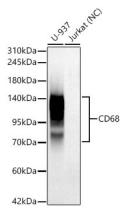
6	400-999-6126
\times	cn.market@abclonal.com.cn
€	www.abclonal.com.cn

Product Information

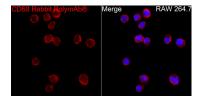
Source Rabbit **lsotype** IgG Purification Affinity purification

Storage

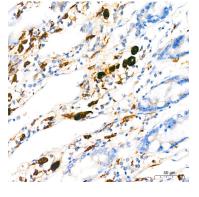
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of various lysates, using CD68 Rabbit PolymAb® (A24386PM) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Negative control (NC): Jurkat Exposure time: 10s.



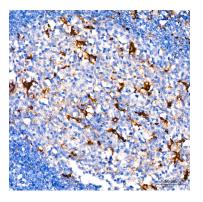
Immunofluorescence analysis of RAW264.7 cells using CD68 Rabbit PolymAb® (A24386PM) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



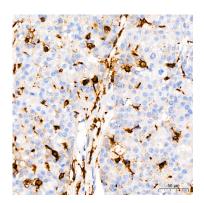
Immunohistochemistry analysis of paraffinembedded Human colon using CD68 Rabbit PolymAb® (A24386PM) at dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human lung using CD68 Rabbit PolymAb® (A24386PM) at dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human tonsil using CD68 Rabbit PolymAb® (A24386PM) at dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human liver using CD68 Rabbit PolymAb® (A24386PM) at dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.