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CD24 Rabbit mAb

Catalog No.: A25383 Recombinant

Basic Information

Observed MW
30-45kDa

Calculated MW
8kDa; 13kDa

Category
Primary antibody

Applications
ELISA,WB,FC,IF/ICC

Cross-Reactivity
Human

CloneNo number
ARC66763

Background

This gene encodes a sialoglycoprotein that is expressed on mature granulocytes and B cells and modulates growth and differentiation signals to these cells. The precursor protein is cleaved to a short 32 amino acid mature peptide which is anchored via a glycosyl phosphatidylinositol (GPI) link to the cell surface. This gene was missing from previous genome assemblies, but is properly located on chromosome 6. Non-transcribed pseudogenes have been designated on chromosomes 1, 15, 20, and Y. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB	1:500-1:1000
FC	1:500 - 1:1000
IF/ICC	1:50-1:200

Immunogen Information

Gene ID
100133941

Swiss Prot
P25063

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 1-80 of human CD24 (NP_037362.1).

Synonyms
CD24A; CD24

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

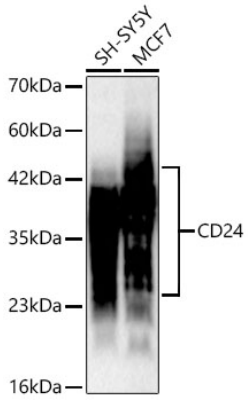
Source
Rabbit

Isotype
IgG

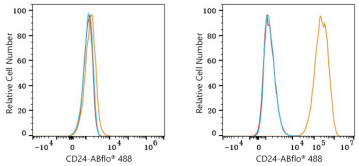
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

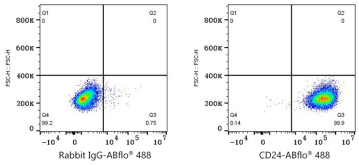
Validation Data



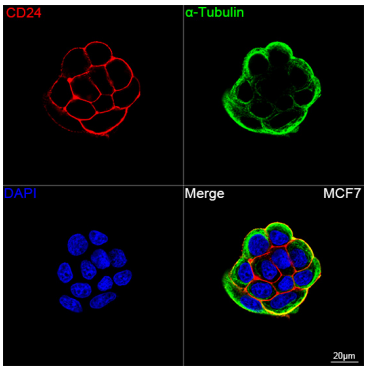
Western blot analysis of various lysates using CD24 Rabbit mAb (A25383) at 1:1000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020)
Exposure time: 10 s.



Flow cytometry: 1X10^6 293F cells (Low Expression,left) and MCF7 cells (right) were surface-stained with CD24 Rabbit mAb (A25383,2 µg/mL,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line), followed by FITC conjugated goat anti-Rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 MCF7 cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or CD24 Rabbit mAb (A25383,2 µg/mL,right).



Confocal imaging of MCF7 cells using CD24 Rabbit mAb (A25383, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.