Leader in Biomolecular Solutions for Life Science

www.abclonal.com

CD24 Rabbit mAb

Catalog No.: A25383 Recombinant

Basic Information

Observed MW
30-45kDa/

Calculated MW
8kDa; 13kDa

Category
Primary antibody

Applications
WB,IF/ICC,FC,ELISA

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
IF/ICC	1:50-1:200
FC	1:500 - 1:1000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
100133941

Swiss Prot
P25063

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
CD24A; CD24

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

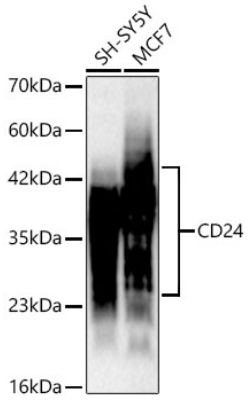
Source
Rabbit

Isotype
IgG

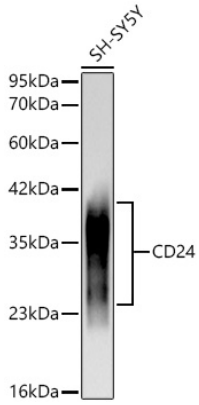
Purification
Affinity purification

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

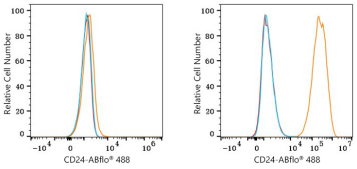
Validation Data



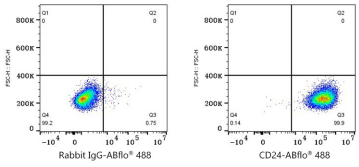
Western blot analysis of various lysates using CD24 Rabbit mAb (A25383) at 1:1000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL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



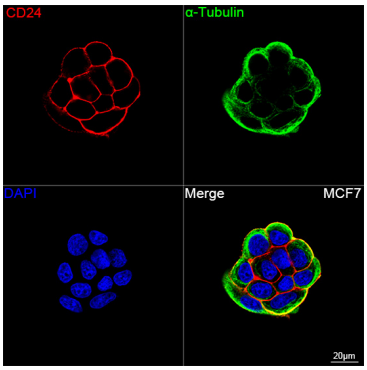
Western blot analysis of lysates from SH-SY5Y cells using CD24 Rabbit mAb (A25383) at 1:3000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 20s.



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.