

#T40025

CD9 Rabbit mAb

- ☐ 50 µl
- ☐ 100 µl
- ☐ 200 µl



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DESCRIPTION

This gene encodes a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Tetraspanins are cell surface glycoproteins with four transmembrane domains that form multimeric complexes with other cell surface proteins. The encoded protein functions in many cellular processes including differentiation, adhesion, and signal transduction, and expression of this gene plays a critical role in the suppression of cancer cell motility and metastasis.

SOURCE

This Abmart monoclonal antibody is produced by immunizing animals with a polypeptide (Abmart SEAL mAb technology) corresponding to CD9 protein.

STORAGE

Store at -20°C, stable for one year from the date of shipment.

ALIASES

CD9, MIC3, TSPAN29, GIG2

REACTIVITY

Homo sapiens

ISOTYPE

Rabbit IgG

PREDICTED MOLECULAR WEIGHT

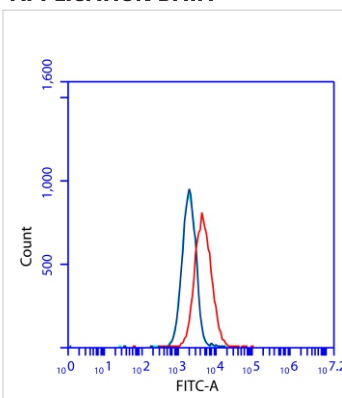
25 KDa

RECOMMEND ANTIBODY DILUTIONS

| | |
|------------------|--------------|
| Western blotting | 1:500-1:1000 |
| FACS | 1:100-1:200 |

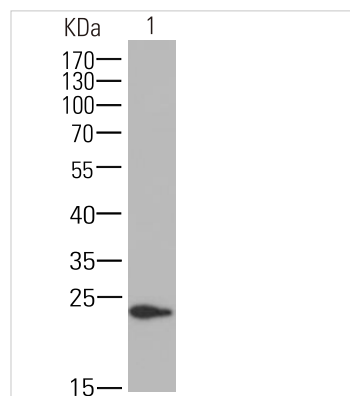
***For Western blots, incubate membrane with diluted antibody in 5% w/v nonfat dry milk, 1X TBS, 0.05% Tween-20 at 4°C with gentle shaking overnight.**

APPLICATION DATA



Flow Cytometry -CD9 Rabbit mAb (#T40025)

Flow cytometric analysis of 2% paraformaldehyde-fixed HepG2 (Human hepatocellular carcinoma) cells labeling CD9 with T40025 at 1/200 dilution (red) compared with a rabbit monoclonal IgG isotype control (blue) and an unlabelled control (cells without incubation with primary antibody, green). Goat anti-rabbit IgG (FITC) at 1/300 dilution was used as the secondary antibody.



Western blot -CD9 Rabbit mAb (#T40025)

All lanes : CD9 Rabbit mAb at 1/1000 dilution

Lane 1 : HepG2 cells membrane fraction

Lysates/proteins at 20 µg per lane.

Secondary

Goat Anti-Rabbit IgG-HRP, 5% skim milk conjugated at 1/10000 dilution

Predicted band size : 25 KDa

Observed band size : 23 KDa

Blocking/Dilution buffer : 1× PBS.

COMPANION PRODUCTS

#M21001 Goat Anti-Mouse IgG-HRP
#T40031 CD19 Rabbit mAb
#T40032 BCRP/ABCG2 Rabbit mAb
#T40033 CD80 Rabbit mAb
#T40034 BSG/CD147 Rabbit mAb
#T40036 CD59 Rabbit mAb

Applications Key: WB—Western blot, IP—Immunoprecipitation, IHC—Immunohistochemistry, ChIP—Chromatin Immunoprecipitation, IF—Immunofluorescence

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For *in vitro* research use only and not intended for use in humans or animals.