CD9 Rabbit mAb

Catalog NO.: A19027 Recombinant 39 Publications

Basic Information

Observed MW
25 kDa

Calculated MW
25 kDa

Category
Monoclonal Antibodies

Applications
WB, IP, ELISA

Cross-Reactivity
Human, Mouse

Conjugation
Unconjugated

Clone number
ARC0330

Background

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.

Recommended Dilutions

WB	1:1000 - 1:8000

IP
0.5μg-4μg antibody for 200μg-400μg extracts of whole cells

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
928

Swiss Prot
P21926

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

Synonyms
MIC3; MRP-1; BTCC-1; DRAP-27; TSPAN29; TSPAN-29; CD9

Contact

Product Information

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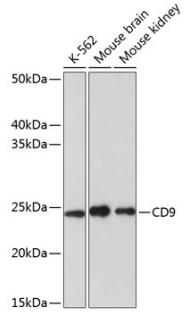
Source
Rabbit

Isotype
IgG

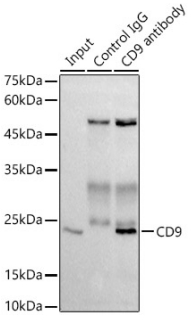
Purification
Affinity purification

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.

Validation Data



Western blot analysis of various lysates using CD9 Rabbit mAb (A19027) 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).
Exposure time: 60s.



Immunoprecipitation analysis of 300 µg extracts from THP-1 cells using 3 µg CD9 Rabbit mAb (A19027). Western blot was performed from the immunoprecipitate using CD9 Rabbit mAb (A19027) at a dilution of 1:1000.

For research use only. Not for therapeutic or diagnostic purposes.

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