

CD9 Rabbit mAb

Catalog No.: A19027

Recombinant

16 Publications

Basic Information

Observed MW

25kDa

Calculated MW

25kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IP

Cross-Reactivity

Human, Mouse

CloneNo 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 1:500 - 1:2000

IHC-P 1:50 - 1:200

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

Immunogen Information

Gene ID

928

Swiss Prot

P21926

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 129-228 of human CD9 (P21926).

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

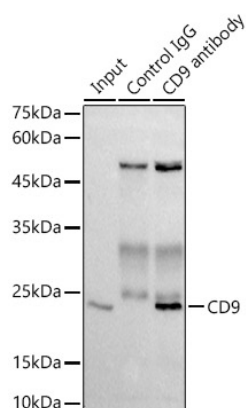
Affinity purification

Storage

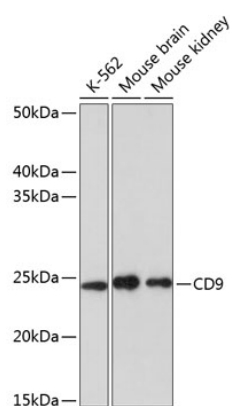
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

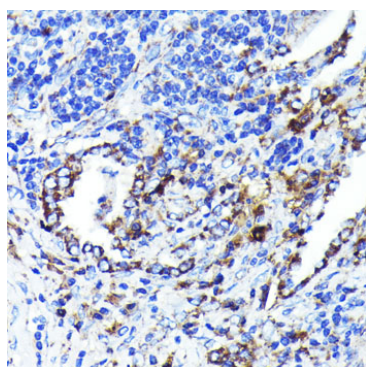
Validation Data



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.



Western blot analysis of various lysates using CD9 Rabbit mAb (A19027) at 1:1000 dilution. Secondary antibody: HRP 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.



Immunohistochemistry analysis of CD9 in paraffin-embedded human lung cancer using CD9 Rabbit mAb (A19027) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.