

Datasheet for ABIN7266227
anti-CD9 antibody

3 Images



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CD9
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CD9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Purpose:	CD9 Rabbit mAb
Immunogen:	A synthesized peptide derived from human CD9
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	CD9
Alternative Name:	CD9 (CD9 Products)
Background:	This gene encodes a member of the transmembrane 4 superfamily, also known as the

Target Details

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. [provided by RefSeq, Jan 2011],BTCC-1,DRAP-27,MIC3,MRP-1,TSPAN-29,TSPAN29,CD9,Blood,Cardiovascular,CDs,Cell Biology & Developmental Biology,Embryonic Stem Cells,Immunology & Inflammation,Stem Cells,CD9

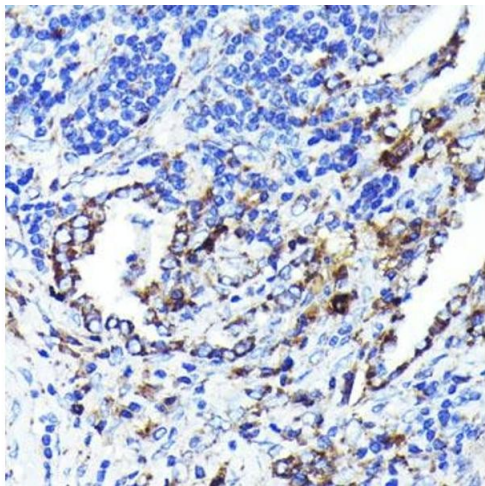
Molecular Weight:	25kDa
Gene ID:	928
UniProt:	P21926
Pathways:	Response to Water Deprivation, Cell-Cell Junction Organization

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IP,1:50 - 1:200
Restrictions:	For Research Use only

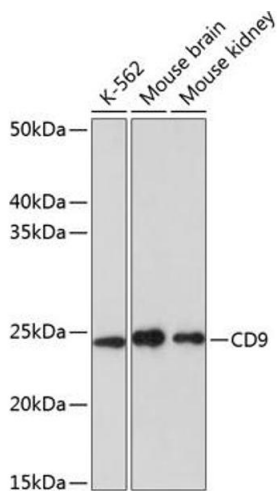
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



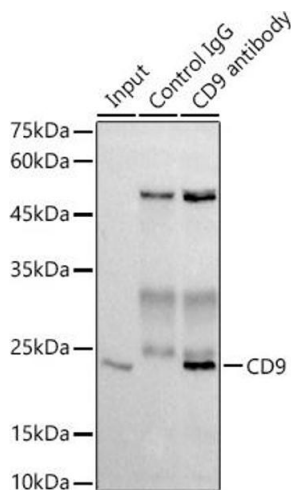
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human lung cancer using CD9 Rabbit mAb (ABIN7266227) 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.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using CD9 antibody (ABIN7266227) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) 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: 60s.



Immunoprecipitation

Image 3. Immunoprecipitation analysis of 300 µg extracts of THP-1 cells using 3 µg CD9 antibody (ABIN7266227). Western blot was performed from the immunoprecipitate using CD9 antibody (ABIN7266227) at a dilution of 1:1000.