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Anti-CD9 Rabbit mAb [41D48]

Catalog No.: A52068

Basic Information

Catalog No. (Cat.No.)	A52068
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	CD9,TEP-1,JAP3,P1A,tetraspanin-1

Product Information

Target	CD9
Molecular Weight(Calculated)	25 kDa
Molecular Weight(Observed)	25 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	41D48
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:2000-1:10000
IHC	1:200-1:1000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	CD9 molecule
Gene Name	*CD9*
Domain	NA
Background	CD9 (Cluster of differentiation 9) is a tetraspanin superfamily member modulating cell adhesion, migration and extracellular vesicle biogenesis. Ubiquitously expressed across multiple cell types, CD9 concentrates in membrane microdomains, builds tetraspanin network and regulates membrane receptor localization and signal transduction. CD9 participates in cell migration, cell-cell fusion and platelet activation. It is abundantly incorporated into exosome membrane and represents a canonical exosome marker. Within tumor microenvironment, CD9 is involved in tumor invasion and metastasis, exerting context-dependent oncogenic or tumor-suppressive effects.