

CD9 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4775
Host	Mouse
Isotype	Mouse IgG1
Size	100μL, 50μL
Immunogen	Synthesized peptide of human CD9.
Mol wt	25kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	MIC3;MRP-1;BTCC-1;DRAP-27;TSPAN29;FLJ99568;TSPAN-29

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 Dilution

WB: 1:500 - 1:2000

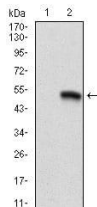
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

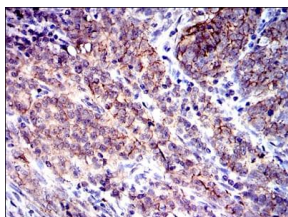
ELISA: 1:10000

Not yet tested in other applications.

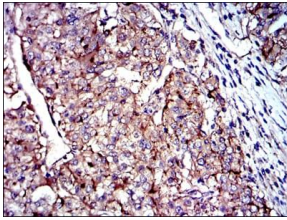
Images



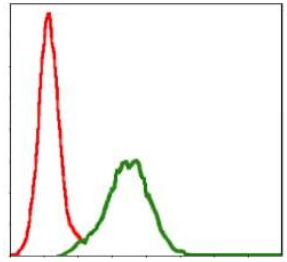
Western blot analysis using CD9 mAb against HEK293 (1) and CD9(AA: 37-228)-hIgGFc transfected HEK293 (2) cell lysate.



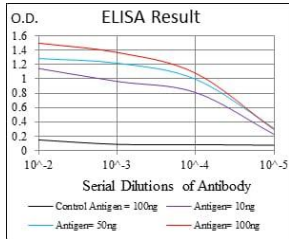
Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using CD9 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded kidney cancer tissues using CD9 mouse mAb with DAB staining.



Flow cytometric analysis of Jurkat cells using CD9 mouse mAb (green) and negative control (red).



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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