

FN1 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2527
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human FN1 expressed in E. Coli.
Mol wt	262.6kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	FN;CIG;FNZ;MSF;ED-B;FINC;GFND;LETS;GFND2

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

Background

This gene encodes fibronectin, a glycoprotein present in a soluble dimeric form in plasma, and in a dimeric or multimeric form at the cell surface and in extracellular matrix. Fibronectin is involved in cell adhesion and migration processes including embryogenesis, wound healing, blood coagulation, host defense, and metastasis. The gene has three regions subject to alternative splicing, with the potential to produce 20 different transcript variants. However, the full-length nature of some variants has not been determined.

Recommended Dilution

WB: 1:500 - 1:2000

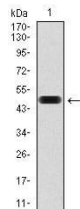
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

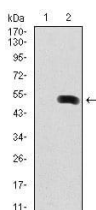
ELISA: 1:10000

Not yet tested in other applications.

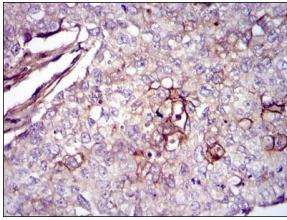
Images



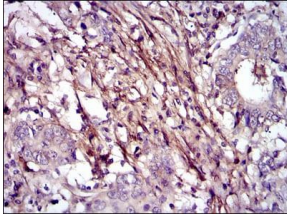
Western blot analysis using FN1 mAb against human FN1 (AA: 1965-2176) recombinant protein.
(Expected MW is 49.6 kDa)



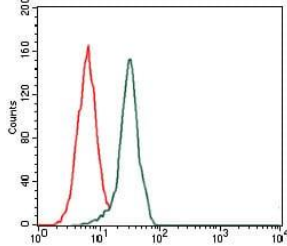
Western blot analysis using FN1 mAb against HEK293 (1) and FN1 (AA: 1965-2176)-hlgGfc transfected HEK293 (2) cell lysate.



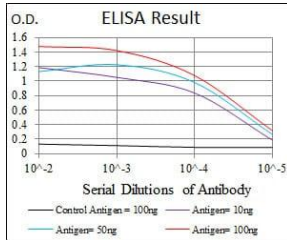
Immunohistochemical analysis of paraffin-embedded lung cancer tissues using FN1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded stomach cancer tissues using FN1 mouse mAb with DAB staining.



Flow cytometric analysis of HeLa cells using FN1 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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