

Product datasheet for TA336913

Fibronectin (FN1) Mouse Monoclonal Antibody [Clone ID: 2F4]

Product data:

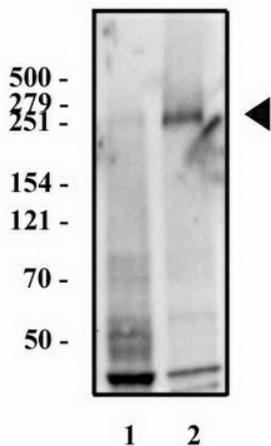
Product Type:	Primary Antibodies
Clone Name:	2F4
Applications:	ELISA, FC, IHC, WB
Recommend Dilution:	WB: 1:500-1:2000, ELISA: 1:10000, FC: 1:200-1:400, IHC-P: 1:200-1:1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human Fibronectin expressed in E. coli. [UniProt# P02751]
Formulation:	Preservative: 0.05% Sodium Azide. Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Concentration:	This product is unpurified. The exact concentration of antibody is not quantifiable.
Purification:	Ascites
Predicted Protein Size:	262.6 kDa
Gene Name:	fibronectin 1
Database Link:	NP_997639 Entrez Gene 2335 Human
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.
Synonyms:	CIG; ED-B; FINC; FN; FNZ; GFND; GFND2; LETS; MSF
Note:	This Fibronectin (2F4) antibody is useful for Western blot, Immunohistochemistry on paraffin-embedded sections, Flow Cytometry and ELISA.
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein



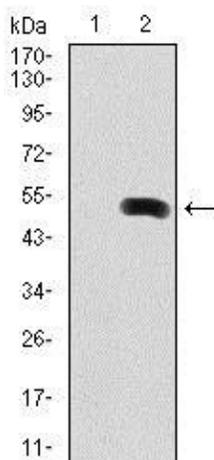
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Protein Pathways: ECM-receptor interaction, Focal adhesion, Pathways in cancer, Regulation of actin cytoskeleton, Small cell lung cancer

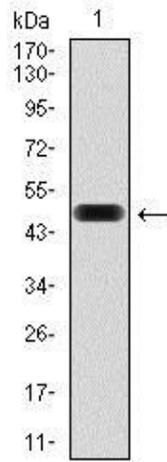
Product images:



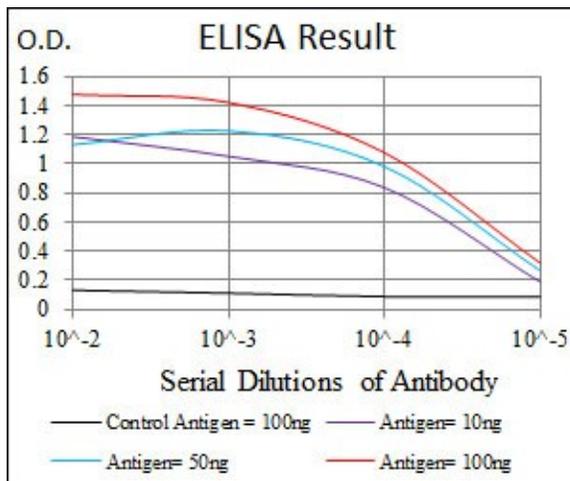
Western Blot: Fibronectin Antibody (2F4) TA336913 - Western blot analysis of HeLa (1) and HepG2 (2) whole cell lysates using Fibronectin antibody (2F4) at 2 ug/ml.



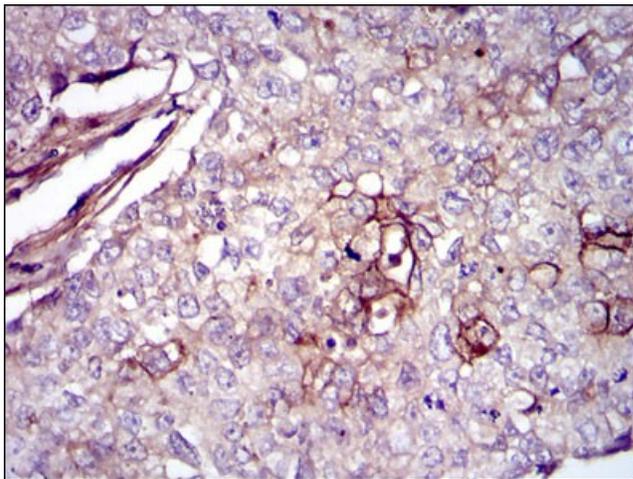
Western Blot: Fibronectin Antibody (2F4) TA336913 - Western blot analysis using Fibronectin mAb against HEK293 (1) and Fibronectin (AA: 1965-2176)-hlgGfc transfected HEK293 (2) cell lysate.



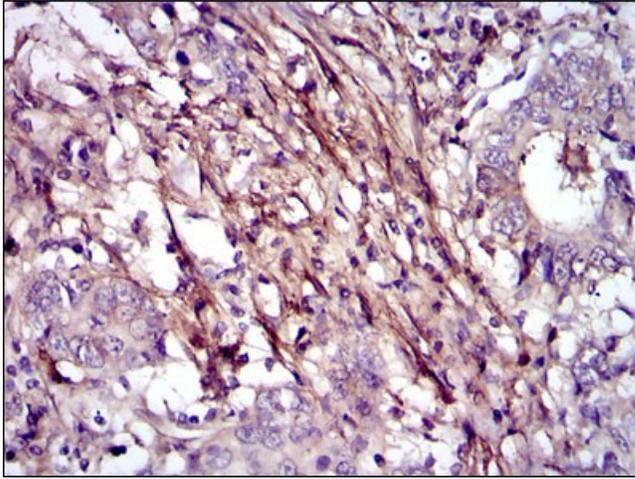
Western Blot: Fibronectin Antibody (2F4) TA336913 - Western blot analysis using Fibronectin mAb against human Fibronectin (AA: 1965-2176) recombinant protein. (Expected MW is 49.6 kDa)



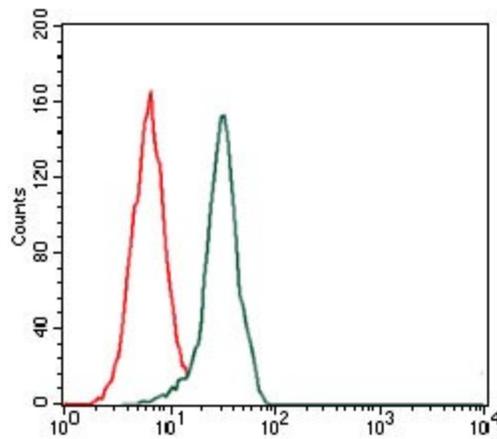
ELISA: Fibronectin Antibody (2F4) TA336913 - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng).



Immunohistochemistry-Paraffin: Fibronectin Antibody (2F4) TA336913 - Immunohistochemical analysis of paraffin-embedded lung cancer tissues using Fibronectin mouse mAb with DAB staining.



Immunohistochemistry-Paraffin: Fibronectin Antibody (2F4) TA336913 - Immunohistochemical analysis of paraffin-embedded stomach cancer tissues using Fibronectin mouse mAb with DAB staining.



Flow Cytometry: Fibronectin Antibody (2F4) TA336913 - Flow cytometric analysis of HeLa cells using Fibronectin mouse mAb (green) and negative control (red).