

Name: UnMouse Monoclonal Antibody against FGFR4 (Ascites)
Product Data Sheet - ANTIBODY**Catalog: TA302088**

Components:	<ul style="list-style-type: none">• UnMouse Monoclonal Antibody against FGFR4 (Ascites) (TA302088)• WB positive control also available: 20ug myc-DDK tagged FGFR4 HEK293T over-expression lysate lyophilized in RIPA buffer (LC400735). (Reconstitute into 20ul of 1x SDS sample buffer before loading; load 5ul per lane as WB control or as desired)
Amount:	100ul
Immunogen:	Purified recombinant FGFR4 fusion protein was used to produced this monoclonal antibody.
Host:	Mouse
Isotype:	IgG1 Kappa
Species Reactivity:	Human
Guaranteed Applications:	WB
Suggested Dilutions:	WB: 1:2000
Concentration:	Lot dependent; please refer to CoA along with shipment
Buffer:	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.
Purification:	
Storage Condition:	Shipped at -20C or with ice packs. Upon delivery store at -20C. Dilute in PBS (pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

Target

Target Name:	Homo sapiens fibroblast growth factor receptor 4 (FGFR4), transcript variant 1
Alternative Name:	CD334; JTK2; TKF
Database Link:	NP_002002 Entrez Gene 2264 Human
Function:	FGFR4 is a member of the fibroblast growth factor receptor family, where amino acid sequence is highly conserved between members and throughout evolution. FGFR family members differ from one another in their ligand affinities and tissue distribution. A full-length representative protein would consist of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment and a cytoplasmic tyrosine kinase domain. The extracellular portion of the protein interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately

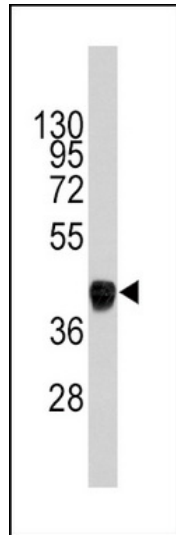
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influencing mitogenesis and differentiation. This particular family member preferentially binds acidic fibroblast growth factor and, although its specific function is unknown, it is overexpressed in gynecological tumor samples, suggesting a role in breast and ovarian tumorigenesis.

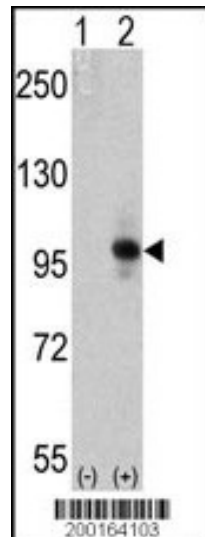
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Validation Data



Western blot analysis of anti-FGFR4 Monoclonal Antibody (Cat.#TA302088) by FGFR4 recombinant protein (Fragment 42KD). FGFR4 protein (arrow) was detected using the ascites Mab.



Western blot analysis of FGFR4 (arrow) using mouse monoclonal FGFR4 antibody (Ascites) (Cat.#TA302088). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the FGFR4 gene (Lane 2) (Origene Technologies) (1:2000)

* More validation images may be available on our website: <http://www.origene.com/antibody/TA302088.aspx>

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