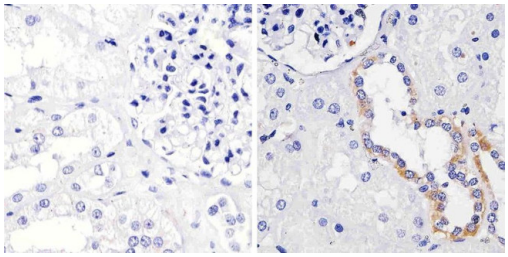
FGFR1 Monoclonal Antibody (VBS-7)

Product Details	
Size	100 µg
Species Reactivity	Bovine, Chicken, Guinea pig, Human, Mouse, Rat
Published Species	Rabbit, Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	VBS-7
Conjugate	Unconjugated
Immunogen	Bovine FGF Receptor 1 (flg) purified from bovine Coronary Venular Endothelial Cells (CVEC).
Form	Liquid
Concentration	0.5 mg/mL
Purification	purified
Storage buffer	PBS
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2533011

Applications	Tested Dilution	Publications
Western Blot (WB)	2 µg/mL	2 Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:20-1:200	-
Immunocytochemistry (ICC/IF)	-	1 Publication
Flow Cytometry (Flow)	-	1 Publication
ELISA (ELISA)	0.1-1.0 µg/mL	-
Immunoprecipitation (IP)	2-5 µg	-

Product Images For FGFR1 Monoclonal Antibody (VBS-7)



FGFR1 Antibody (13-3100) in IHC (P)
Immunohistochemistry analysis of FGFR1/CD331 showing staining in the cytoplasm and membrane of paraffin-embedded human kidney tissue (right) compared to a negative control without primary antibody (left). To expose target proteins, antigen retrieval was performed using 10mM sodium citrate (pH 6.0), microwaved for 8-15 min. Following antigen retrieval, tissues were blocked in 3% H2O2-methanol for 15 min at room temperature, washed with ddH2O and PBS, and then probed with a FGFR1/CD331 monoclonal antibody (Product # 13-3100) diluted in 3% BSA-PBS at a dilution of 1:100 overnight at 4°C in a humidified chamber. Tissues were washed extensively in PBST and detection was performed using an HRP-conjugated secondary antibody followed by colorimetric detection using a DAB kit. Tissues were counterstained with hematoxylin and dehydrated with ethanol and xylene to prep for mounting.

5 References

Western Blot (2)

PloS one

A quantitative proteomic analysis uncovers the relevance of CUL3 in bladder cancer aggressiveness.

"13-3100 was used in Western Blotting to perform a proteomic analysis comparing an invasive T24 and an aggressive metastatic derived T24T bladder cancer cell line."

Authors: Grau L,Luque-Garcia JL,González-Peramato P,Theodorescu D,Palou J,Fernandez-Gomez JM,Sánchez-Carbayo M

Year
2013

Species
Human

Dilution
1:100

Clinical & experimental metastasis

L1CAM stimulates glioma cell motility and proliferation through the fibroblast growth factor receptor.

"13-3100 was used in western blot to elucidate the relationship between LCAM cell adhesion/recognition molecule and fibroblast growth factor receptor in high-grade glioma cells."

Authors: Mohanan V,Temburni MK,Kappes JC,Galileo DS

Year
2013

Species
Human

Immunohistochemistry (1)

Clinical orthopaedics and related research

Fibroblast growth factor and epidermal growth factor receptors in ligament healing.

Authors: Panossian V,Liu SH,Lane JM,Finerman GA

Year
1997

Species
Rabbit

Immunocytochemistry (1)

The Journal of experimental medicine

Acidic fibroblast growth factor underlies microenvironmental regulation of MYC in pancreatic cancer.

"Published figure using FGFR1 monoclonal antibody (Product # 13-3100) in Immunocytochemistry"

Authors: Bhattacharyya S,Oon C,Kothari A,Horton W,Link J,Sears RC,Sherman MH

Year
2020

Species
Human

More applications with references on thermofisher.cn

Flow (1)

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