

Mouse FGF21 Monoclonal Antibody | anti-FGF21 antibody

FGF21 antibody

CATALOG # AAA108093	HOST Mouse	APPLICATIONS Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry
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PRODUCT SYNONYMS

FGF21; Monoclonal Antibody; FGF21 antibody; Monoclonal FGF21; Anti-FGF21; fibroblast growth factor 21; FGF 21; FGF-21; anti-FGF21 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	9E5
Purity/Purification	FGF21 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Sequence Length	209
Applicable Applications for anti-FGF21 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Biological Significance	FGF21 is a secreted growth factor that is a member of the FGF family. Proteins of this family play a central role during prenatal development and postnatal growth and regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. FGF21, in the presence of betaKlotho as a protein cofactor, signals through the FGFR 1c and 4 receptors and stimulates insulin independent glucose uptake by adipocytes.
Cross-Reactivity	Human
Immunogen	FGF21 antibody was raised in Mouse using Human recombinant protein fragment corresponding to amino acids 29-209 of human FGF21 produced in HEK293T cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of FGF21 protein in paraffin embedded Human Kidney tissue using FGF21 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant FGF21 protein (Right) or empty vector (Left) detected with FGF21 antibody



FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant FGF21 protein (red) or empty vector (blue) stained using FGF21 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-FGF21 antibody	Mouse monoclonal FGF21 antibody
Product Categories/Family for anti-FGF21 antibody	Cytokines & Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	9506597
NCBI GeneID	26291
NCBI Accession #	NP_061986.1
NCBI GenBank Nucleotide #	NM_019113.2
Molecular Weight	22,300 Da
NCBI Official Full Name	fibroblast growth factor 21
NCBI Official Synonym Full Names	fibroblast growth factor 21
NCBI Official Symbol	FGF21
NCBI Protein Information	fibroblast growth factor 21
UniProt Protein Name	Fibroblast growth factor 21
UniProt Gene Name	FGF21
UniProt Synonym Gene Names	FGF-21
UniProt Entry Name	FGF21_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/fgf21-antibody-clone-9e5-western-blot-flow-cytometry-immunohistochemistry-elisa/108093>