Mouse Fibroblast Growth Factor 8 Monoclonal Antibody | anti-FGF8 antibody

Fibroblast Growth Factor 8 (FGF8, FGF-8, Androgen-induced Growth Factor, AIGF, Heparin-binding Growth Factor 8, HBGF-8) (PE)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25688	**Mouse**	**Human, Mouse, Rat**	**ELISA, Western Blot**

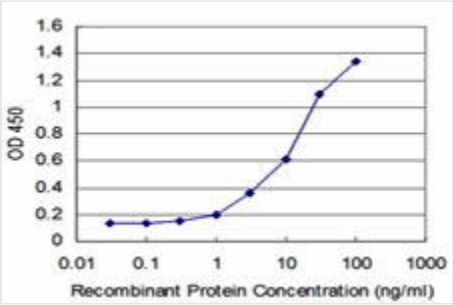
PRODUCT SYNONYMS

Fibroblast Growth Factor 8; Monoclonal Antibody; Fibroblast Growth Factor 8 (FGF8; FGF-8; Androgen-induced Growth Factor; AIGF; Heparin-binding Growth Factor 8; HBGF-8) (PE); anti-FGF8 antibody

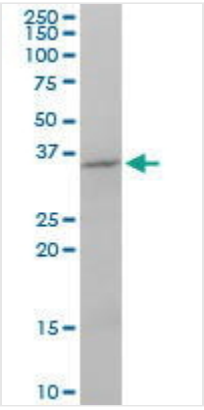
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2A10
Specificity	Recognizes human FGF8. Species Crossreactivity: mouse and rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Applicable Applications for anti-FGF8 antibody	ELISA, WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa65-133 from human FGF8 (NP_149354) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	SRRLIRTYQLYSRTSGKHVQVLANKRINAMAEDGDPFAKLIVETDTFGSRVRVRGAETGLYICMNKKGK
Conjugate	PE
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

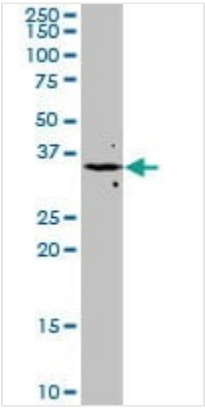
IMAGES



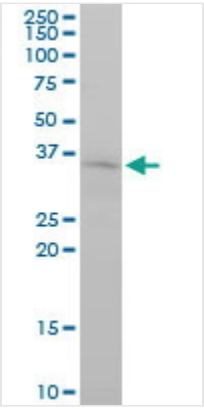
Application Data
Detection limit for recombinant GST tagged FGF8 is ~0.3ng/ml as a capture antibody.



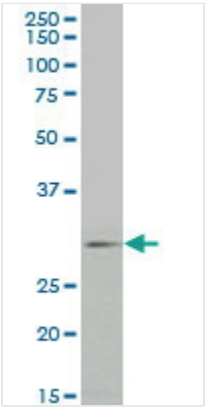
WB (Western Blot)
FGF8 monoclonal antibody Western Blot analysis of FGF8 expression in NIH/3T3.



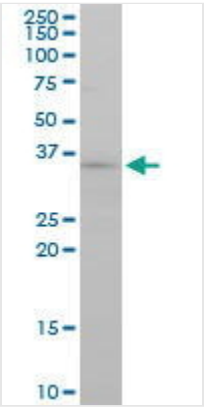
WB (Western Blot)
FGF8 monoclonal antibody Western Blot analysis of FGF8 expression in Jurkat.



WB (Western Blot)
FGF8 monoclonal antibody. Western Blot analysis of FGF8 expression in Raw 264.7.



WB (Western Blot)
FGF8 monoclonal antibody, Western Blot analysis of FGF8 expression in HepG2.



WB (Western Blot)
FGF8 monoclonal antibody. Western Blot analysis of FGF8 expression in PC-12.

ADDITIONAL INFORMATION

Related Product Information for anti-FGF8 antibody	Fibroblast Growth Factor-8 (FGF-8) is also known as Androgen-induced Growth Factor (AIGF), a heparin binding growth factor, which stimulates the proliferation and activation of cells that express the FGF receptors. Recombinant human FGF-8 is a 22.4kD protein containing 193aa residues.
Product Categories/Family for anti-FGF8 antibody	Antibodies; Growth Factors; Cytokines

NCBI AND UNIPROT INFORMATION

NCBI GI #	15147348
NCBI GeneID	2253
NCBI Accession #	NP_149354
NCBI GenBank Nucleotide #	NM_033164
UniProt Accession #	P55075
Molecular Weight	24kDa
NCBI Official Full Name	fibroblast growth factor 8 isoform E
NCBI Official Synonym Full Names	fibroblast growth factor 8
NCBI Official Symbol	FGF8
NCBI Official Synonym Symbols	HH6; AIGF; KAL6; FGF-8; HBGF-8
NCBI Protein Information	fibroblast growth factor 8
UniProt Protein Name	Fibroblast growth factor 8
UniProt Gene Name	**FGF8**
UniProt Synonym Gene Names	AIGF; FGF-8; AIGF; HBGF-8
UniProt Entry Name	FGF8_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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/fibroblast-growth-factor-8-antibody-clone-2a10-western-blot-elisa/25688