FGF1 recombinant antibody

FGF1 Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279341	**HEK293F Cell**	**Human**	**Flow Cytometry, Functional Assay, Immunofluorescence, ELISA**

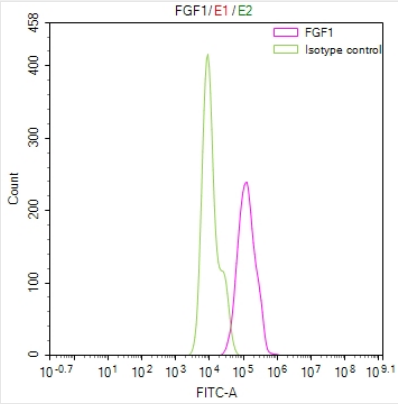
PRODUCT SYNONYMS

FGF1; Monoclonal Recombinant Antibody; FGF1 Recombinant Monoclonal Antibody; Acidic fibroblast growth factor antibody; aFGF antibody; Beta endothelial cell growth factor antibody; Beta-endothelial cell growth factor antibody; ECGF antibody; ECGF beta antibody; ECGF-beta antibody; ECGFA antibody; ECGFB antibody; Endothelial Cell Growth Factor alpha antibody; Endothelial Cell Growth Factor beta antibody; FGF 1 antibody; FGF alpha antibody; Fgf1 antibody; FGF1_HUMAN antibody; FGFA antibody; Fibroblast Growth Factor 1 Acidic antibody; Fibroblast growth factor 1 antibody; GLIO703 antibody; HBGF 1 antibody; HBGF-1 antibody; HBGF1 antibody; Heparin binding growth factor 1 antibody; Heparin binding growth factor 1 precursor antibody; Heparin-binding growth factor 1 antibody; FGF1 recombinant antibody

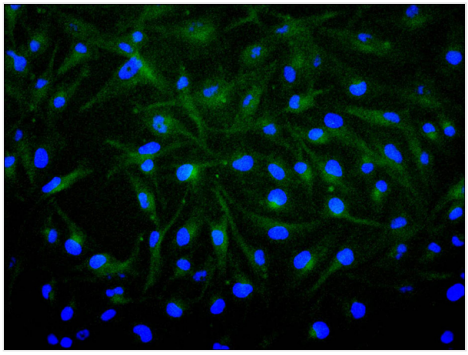
PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	mIgG2a
Clone Number	23H4
Purity/Purification	Affinity chromatography
Form/Format	Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.
Applicable Applications for FGF1 recombinant antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ELISA
Antigen Species	Human
Immunogen	Recombinant Human FGF1 protein
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



FCM/FACS (Flow Cytometry)
Overlay Peak curve showing PC-3 cells stained with AAA279341 (red line) at 1:200. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*106cells) for 45min at 4 degree C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1:200 dilution for 35min at 4 degree C.Control antibody (green line) was mouse IgG (1ug/1*106cells) used under the same conditions. Acquisition of >10,000 events was performed.



IF (Immunofluorescence)
Immunofluorescence staining of U251 cell with AAA279341 at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antib conjugated AffiniPure Goat Anti-Mouse IgG(H+L).

ADDITIONAL INFORMATION

Product Categories/Family for FGF1 recombinant antibody	Neuroscience, Cancer, Cardiovascular, Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	13236891
NCBI GeneID	2246
UniProt Accession #	P05230; P07502; Q16588; B2R5T0; D3DQF2
Molecular Weight	17,460 Da
NCBI Official Full Name	acidic fibroblast growth factor
NCBI Official Synonym Full Names	fibroblast growth factor 1 (acidic)
NCBI Official Symbol	FGF1
NCBI Official Synonym Symbols	AFGF; ECGF; FGFA; ECGFA; ECGFB; FGF-1; HBGF1; HBGF-1; GLIO703; ECGF-beta; FGF-alpha
NCBI Protein Information	fibroblast growth factor 1; heparin-binding growth factor 1; beta-endothelial cell growth factor; endothelial cell growth factor, beta; endothelial cell growth factor, alpha
UniProt Protein Name	Fibroblast growth factor 1
UniProt Gene Name	**FGF1**
UniProt Synonym Gene Names	FGFA; FGF-1; aFGF; ECGF; HBGF-1
UniProt Entry Name	FGF1_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.