



# Anti-FGF2 monoclonal antibody, clone 20054 [Biotin] (DCABY-4264)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Antigen Description	View FGF Superfamily Schematic
Specificity	Detects human FGF basic in ELISAs. In ELISAs, this antibody also recognizes bovine FGF basic but not bovine FGF acidic, recombinant human (rh) FGF acidic, rhFGF-4, rhFGF-6, or rhFGF-7.
Immunogen	E. coli-derived recombinant human FGF basic
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	20054
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Biotin
Applications	ELISA Detection (Matched Pair)
Format	Liquid
Size	250 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

12 months from date of receipt, -20 to -70 °C as supplied.  
1 month, 2 to 8 °C under sterile conditions after reconstitution.  
6 months, -20 to -70 °C under sterile conditions after reconstitution.

## GENE INFORMATION

Gene Name	<a href="#">FGF2 fibroblast growth factor 2 (basic) [ Homo sapiens (human) ]</a>
Official Symbol	FGF2
Synonyms	FGF2; fibroblast growth factor 2 (basic); BFGF; FGFB; FGF-2; HBGF-2; fibroblast growth factor 2; prostatropin; heparin-binding growth factor 2; basic fibroblast growth factor bFGF;
Entrez Gene ID	<a href="#">2247</a>
Protein Refseq	<a href="#">NP_001997</a>
UniProt ID	<a href="#">P09038</a>
Chromosome Location	4q26
Pathway	Activated point mutants of FGFR2; Adaptive Immune System; Angiogenesis; Angiopoietin receptor Tie2-mediated signaling; Cardiac Progenitor Differentiation; Constitutive PI3K/AKT Signaling in Cancer; DAP12 interactions; DAP12 signaling;
Function	chemoattractant activity; cytokine activity; fibroblast growth factor binding; fibroblast growth factor receptor binding; growth factor activity; heparin binding; ligand-dependent nuclear receptor transcription coactivator activity; protein binding;