



Anti-FGF2 monoclonal antibody, clone 20070 (DCABY-3950)

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

PRODUCT INFORMATION

Antigen Description	View FGF Superfamily Schematic
Specificity	Recognizes human and bovine FGF basic. In capture ELISAs, shows approximately 0.2% cross-reactivity with bovine FGF acidic, and no cross-reactivity with rhFGF acidic, rhFGF-4, rhFGF-6, or rhFGF-7.
Immunogen	E. coli-derived recombinant human FGF basic
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	20070
Purification	Protein A or G purified from ascites
Conjugate	Unconjugated
Applications	ELISA Capture (Matched Pair)
Format	Liquid
Size	500 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
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 from date of receipt, 2 to 8 °C, reconstituted.
6 months from date of receipt, -20 to -70 °C, reconstituted.

GENE INFORMATION

Gene Name	FGF2 fibroblast growth factor 2 (basic) [Homo sapiens (human)]
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	2247
Protein Refseq	NP_001997
UniProt ID	P09038
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;