



Anti-FGF4 monoclonal antibody, clone 37020 (DCABY-4119)

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

PRODUCT INFORMATION

Antigen Description	FGF-4, also known as FGFK and K-FGF, is a member of the FGF family of mitogenic peptides. FGF-4 expression is spatially and temporally regulated during embryonic development. FGF-4 plays a key role in limb development and has been identified as the molecular mediator of the activities of the apical ectodermal ridge that is required for directing the outgrowth and patterning of vertebrate limbs.
Specificity	When used in combination with the biotinylated anti-FGF-4 detection antibody in sandwich ELISAs, no significant cross-reactivity or interference was observed with recombinant human (rh) FGF acidic, bFGF acidic, rhFGF basic, bFGF basic, rhFGF-5, rhFGF-6, or rhFGF-7 (KGF).
Immunogen	E. coli-derived recombinant human FGF-4 Accession Number P08620
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	37020
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	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <p>12 months from date of receipt, -20 to -70 °C as supplied.</p> <p>1 month from date of receipt, 2 to 8 °C, reconstituted.</p> <p>6 months from date of receipt, -20 to -70 °C, reconstituted.</p>

GENE INFORMATION

Gene Name	FGF4 fibroblast growth factor 4 [Homo sapiens (human)]
Official Symbol	FGF4
Synonyms	FGF4; fibroblast growth factor 4; HST; KFGF; HST-1; HSTF1; K-FGF; HBGF-4; FGF-4; HSTF-1; oncogene HST; kaposi sarcoma oncogene; transforming protein KS3; heparin-binding growth factor 4; heparin secretory transforming protein 1; heparin secretory-transfor
Entrez Gene ID	2249
Protein Refseq	NP_001998
UniProt ID	P08620
Chromosome Location	11q13.3
Pathway	Activated point mutants of FGFR2; Adaptive Immune System; Constitutive PI3K/AKT Signaling in Cancer; DAP12 interactions; DAP12 signaling; Disease; Downstream signal transduction; Downstream signaling events of B Cell Receptor (BCR);
Function	fibroblast growth factor receptor binding; growth factor activity; heparin binding;