Human FGF-4 Antibody

Monoclonal Mouse IgG_1 Clone # 26019

Catalog Number: MAB635

DESCRIPTION

Species Reactivity	Human
Specificity	When used in combination with the biotinylated anti-FGF-4 detection antibody (Catalog # BAF235) 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).
Source	Monoclonal Mouse IgG_1 Clone # 26019
Purification	Protein A or G purified from ascites
Immunogen	*E. coli*-derived recombinant human FGF-4 Accession # P08620
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Human FGF-4 Sandwich Immunoassay		**Reagent**
ELISA Capture	2-8 µg/mL	Human FGF-4 Antibody (Catalog # MAB635)
ELISA Detection	0.1-0.4 µg/mL	Human FGF-4 Biotinylated Antibody (Catalog # BAF235)
Standard		Recombinant Human FGF-4 (Catalog # 235-F4)

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & 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.

BACKGROUND

FGF-4 is a member of the FGF family of growth factors. FGF-4 is important in embryonic angiogenesis and limb development and is mitogenic for fibroblasts and endothelial cells.

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