Human FGF basic/FGF2/bFGF Antibody

Monoclonal Mouse IgG_{2B} Clone # 10060

Catalog Number: MAB233

DESCRIPTION

Species Reactivity	Human
Specificity	Recognizes human and bovine FGF basic/FGF2/bFGF. In capture ELISAs, shows approximately 0.2% cross-reactivity with bovine FGF acidic, and no cross-reactivity with recombinant human (rh) FGF acidic, rhFGF-4, rhFGF-6, or rhFGF-7.
Source	Monoclonal Mouse IgG_{2B} Clone # 10060
Purification	Protein A or G purified from ascites
Immunogen	*E. coli*-derived recombinant human FGF basic/FGF2/bFGF
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 basic/FGF2/bFGF Sandwich Immunoassay		**Reagent**
ELISA Capture	2-8 µg/mL	Human FGF basic/FGF2/bFGF Antibody (Catalog # MAB233)
ELISA Detection	0.5-2.0 µg/mL	Human FGF basic/FGF2/bFGF Biotinylated Antibody (Catalog # BAM233)
Standard		Recombinant Human FGF basic/FGF2/bFGF (146 aa) (Catalog # 233-FB)

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 basic, also known as FGF2, is a member of the FGF family of growth factors.

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