

Human FGF basic/FGF2 Antibody

Recombinant Monoclonal Mouse IgG_{2B} Clone # 10043R Catalog Number: MAB2331

DESCRIPTION	
Species Reactivity	Human
Specificity	Detects human FGF basic/FGF2 in direct ELISAs.
Source	Recombinant Monoclonal Mouse IgG _{2B} Clone # 10043R
Purification	Protein A or G purified from cell culture supernatant
Immunogen	E. coli-derived recombinant human FGF basic/FGF2 Accession # P09038
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

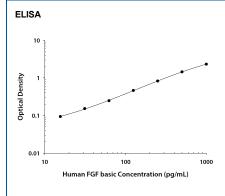
Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

ELISA

This antibody functions as an ELISA detection antibody when paired with Mouse Anti-Human FGF basic/FGF2 Monoclonal Antibody (Catalog # MAB233R).

This product is intended for assay development on various assay platforms requiring antibody pairs. We recommend the Human FGF basic/FGF2 DuoSet ELISA Kit (Catalog # DY233) for convenient development of a sandwich ELISA or the Human FGF basic/FGF2 Quantikine ELISA Kit (Catalog # DFB50) for a complete optimized ELISA.

DATA



Human FGF basic/FGF2 ELISA Standard Curve. Recombinant Human FGF basic/FGF2 protein was serially diluted 2-fold and captured by Mouse Anti-Human FGF basic/FGF2 Monoclonal Antibody(Catalog # MAB233R) coated on a Clear Polystyrene Microplate (Catalog # DY990). Mouse Anti-Human FGF basic/FGF2 Monoclonal Antibody (Catalog # MAB2331) was biotinylated and incubated with the protein captured on the plate. Detection of the standard curve was achieved by incubating Streptavidin-HRP (Catalog # DY998) followed by Substrate Solution (Catalog # DY999) and stopping the enzymatic reaction with Stop Solution (Catalog #

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

- 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 FGF-2, is a member of the FGF family of growth factors.

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