

Product datasheet for **PM1013A**

FGF5 Mouse Monoclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FN
Recommended Dilution:	Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of Human FGF-5 (27.6 µg/ml), a concentration of 100 µg/ml. ELISA: This antibody can be used at a concentration of 4.0-8.0 µg/ml, as a Capture antibody in conjunction with a compatible secondary reagent to yield satisfactory results in a Sandwich ELISA (using 100 µl/well antibody solution).
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant Human FGF-5.
Specificity:	Reacts with Human Fibroblast Growth Factor 5 (FGF-5).
Formulation:	PBS without preservatives State: Azide Free State: Lyophilized (sterile filtered) purified Ig fraction
Reconstitution Method:	Restore in sterile water to a concentration of 1.0 mg/ml.
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody prior to reconstitution at -20°C. Following reconstitution the antibody can be stored at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	fibroblast growth factor 5
Database Link:	Entrez Gene 2250 Human P12034



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Background: FGF-5 is a secreted heparin binding growth factor belonging to the FGF family. Proteins of this family play a central role in prenatal development and postnatal growth and regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. FGF-5 binds to FGFR 1c and 2c, and plays a regulatory role in the hair growth cycle.

Synonyms: Fibroblast growth factor 5, FGF-5, Smag-82, HBGF5