

Datasheet for ABIN115772 **anti-FGF5 antibody**



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Overview

Quantity:	0.5 mg
Target:	FGF5
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FGF5 antibody is un-conjugated
Application:	Enzyme Immunoassay (EIA), Functional Studies (Func)

Product Details

Immunogen:	Recombinant Human FGF-5.
Isotype:	IgG1
Specificity:	Reacts with Human Fibroblast Growth Factor 5 (FGF-5).
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	FGF5
Alternative Name:	FGF5 (FGF5 Products)
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: FGF-5, Fibroblast

Target Details

	growth factor 5, HBGF5, Heparin-binding growth factor 5, Smag-82
Gene ID:	2250
NCBI Accession:	NP_004455
UniProt:	P12034
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway

Application Details

Application Notes:	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). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Reconstitution:	Restore in sterile water to a concentration of 1.0 mg/mL.
Buffer:	PBS without preservatives
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	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.