

Product datasheet for TA700592

FGF21 Biotinylated Mouse Monoclonal Detection Antibody (Biotin conjugated) [Clone ID: OT19A7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OT19A7
Applications:	ELISA
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant protein (29-209aa)
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5mg/ml
Purification:	Purified from mouse ascites fluids by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.
Predicted Protein Size:	19.4 kDa
Gene Name:	fibroblast growth factor 21
Database Link:	NP_061986 Entrez Gene 26291 Human Q9NSA1
Background:	This gene encodes a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities and are involved in a variety of biological processes. This protein is a secreted endocrine factor that functions as a major metabolic regulator. The encoded protein stimulates the uptake of glucose in adipose tissue.

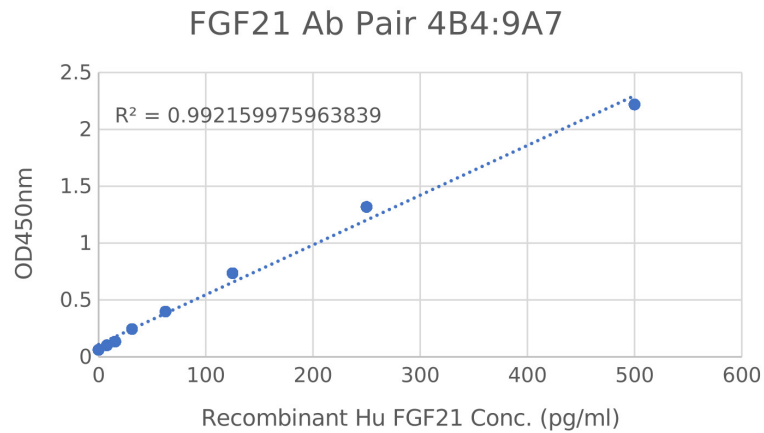


Matched ELISA Pair: TA600592

Protein Families: Adult stem cells, Embryonic stem cells, ES Cell Differentiation/IPS, Secreted Protein

Protein Pathways: MAPK signaling pathway, Melanoma, Pathways in cancer, Regulation of actin cytoskeleton

Product images:



FGF21 ELISA with 4B4 Capture ([TA600592]) and 9A7 Detection (TA700592) Antibodies. Target protein used: Human FGF21 (E. coli expressed protein Cat# [TP762368])