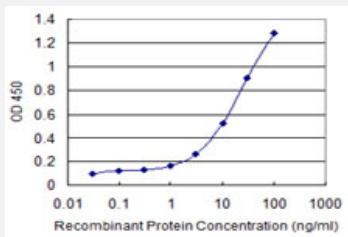


PROK1 monoclonal antibody (M05), clone 3C3

Catalog # H00084432-M05

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PROK1 is 0.3 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant PROK1.
Immunogen	PROK1 (AAH25399, 1 a.a. ~ 105 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MRGATRVSIMLLLVTVSDCAVITGACERDVQCGAGTCCAISLWLRGLRMCTPLGREGEECHPGSHKIPFFRKRKHHTCPCLPNLLCSRFPDGRYRCSMDLKNINF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86); Rat (90)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PROK1 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PROK1

Entrez GeneID [84432](#)

GeneBank Accession# [BC025399](#)

Protein Accession# [AAH25399](#)

Gene Name PROK1

Gene Alias EGVEGF, PK1, PRK1

Gene Description prokineticin 1

Omim ID [606233](#)

Gene Ontology [Hyperlink](#)

Gene Summary Endocrine gland-derived vascular endothelial growth factor (EG-VEGF) induces proliferation, migration, and fenestration in capillary endothelial cells derived from endocrine glands. Its expression is induced by hypoxia and is restricted to the steroidogenic glands (ovary, testis, adrenal, and placenta). Its expression is often complementary to the expression of VEGF (MIM 192240), suggesting that these molecules function in a coordinated manner.[supplied by OMIM]

Other Designations OTTHUMP00000013289|black mamba toxin-related protein|mambakine

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Kidney Failure](#)