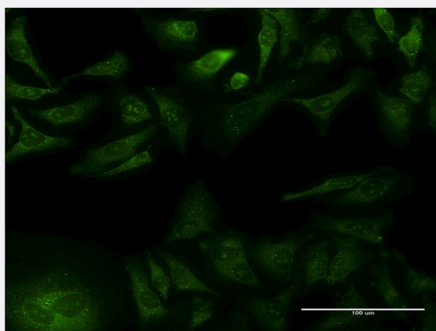


GFRA1 monoclonal antibody (M01), clone 1G4

Catalog # H00002674-M01

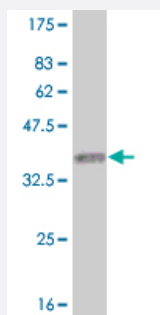
Size 100 ug

Applications



Immunofluorescence

Immunofluorescence of monoclonal antibody to GFRA1 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (35.68 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant GFRA1.

Immunogen

GFRA1 (NP_005255, 32 a.a. ~ 119 a.a) full length recombinant protein with GST tag. MW of the GS T tag alone is 26 KDa.

Sequence

ASDQCLKEQSCSTKYRTLRLQCVAGKETNFSLASGLEAKDECRSAMEALKQKSLYNCRCKRGMK
KEKNCLRIYWSMYQSLQGNDLLED

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.68 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA
- Immunofluorescence

Immunofluorescence of monoclonal antibody to GFRA1 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — GFRA1

Entrez GeneID	2674
GeneBank Accession#	NM_005264
Protein Accession#	NP_005255
Gene Name	GFRA1
Gene Alias	GDNFR, GDNFRA, GFR-ALPHA-1, MGC23045, RET1L, RETL1, TRNR1
Gene Description	GNDF family receptor alpha 1
Omim ID	601496
Gene Ontology	Hyperlink

Gene Summary

Glial cell line-derived neurotrophic factor (GDNF) and neurturin (NTN) are two structurally related, potent neurotrophic factors that play key roles in the control of neuron survival and differentiation. The protein encoded by this gene is a member of the GDNF receptor family. It is a glycosylphosphatidylinositol(GPI)-linked cell surface receptor for both GDNF and NTN, and mediates activation of the RET tyrosine kinase receptor. This gene is a candidate gene for Hirschsprung disease. Multiple alternatively spliced transcript variants have been described for this gene. [provided by RefSeq]

Other Designations

GPI-linked anchor protein|Glial cell line-derived neurotrophic factor receptor alpha|OTTHUMP0000020558|OTTHUMP00000020559|PI-linked cell-surface accessory protein|RET ligand 1|TGF-beta related neurotrophic factor receptor 1

Disease

- [Alzheimer Disease](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Hirschsprung Disease](#)
- [Hydronephrosis](#)
- [Hyperparathyroidism](#)
- [Liver Neoplasms](#)
- [Schizophrenia](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Vesico-Ureteral Reflux](#)