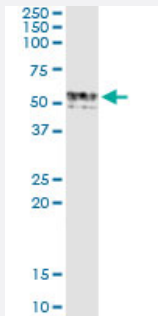


GIF monoclonal antibody (M03), clone 1D9

Catalog # H00002694-M03

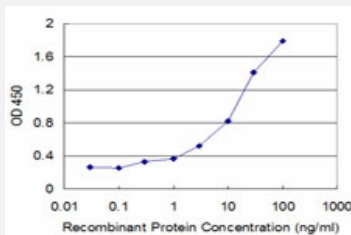
Size 100 ug

Applications



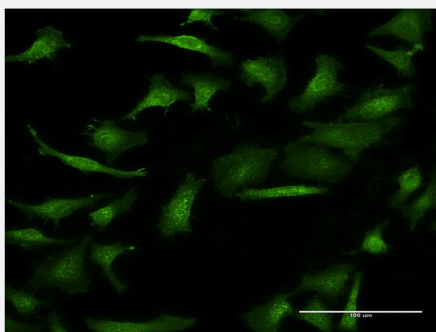
Immunoprecipitation

Immunoprecipitation of GIF transfected lysate using anti-GIF monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with GIF MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

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



Immunofluorescence

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

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant GIF.

Immunogen	GIF (NP_005133.2, 318 a.a. ~ 417 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	INNQLRGVELLFNETINVSVKSGSVLLVVLEEAQRKNPMFKFETTMTSWGLVVSSINNAENVNHKT YWQFLSGVTPLNEGVDYIPFNHEHITANFTQY
Host	Mouse
Reactivity	Human
Isotype	IgG2a 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

- Immunoprecipitation

Immunoprecipitation of GIF transfected lysate using anti-GIF monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with GIF MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — GIF

Entrez GeneID	2694
GeneBank Accession#	NM_005142
Protein Accession#	NP_005133.2

Gene Name	GIF
Gene Alias	IF, IFMH, INF, TCN3
Gene Description	gastric intrinsic factor (vitamin B synthesis)
Omim ID	261000 609342
Gene Ontology	Hyperlink
Gene Summary	<p>This gene is a member of the cobalamin transport protein family. It encodes a glycoprotein secreted by parietal cells of the gastric mucosa and is required for adequate absorption of vitamin B12. Vitamin B12 is necessary for erythrocyte maturation and mutations in this gene may lead to congenital pernicious anemia. [provided by RefSeq]</p>
Other Designations	-

Disease

- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Microsatellite Instability](#)