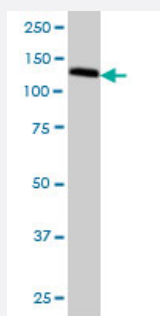


GOLPH4 monoclonal antibody (M01), clone 5E11

Catalog # H00027333-M01

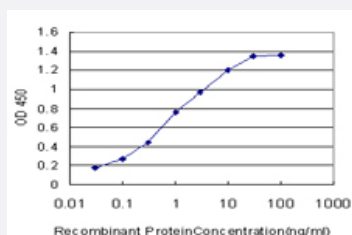
Size 100 ug

Applications



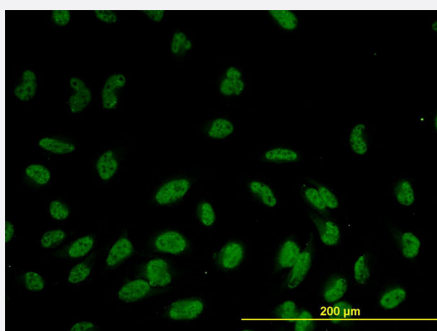
Western Blot (Cell lysate)

GOLPH4 monoclonal antibody (M01), clone 5E11 Western Blot analysis of GOLPH4 expression in HeLa (Cat # L013V1).



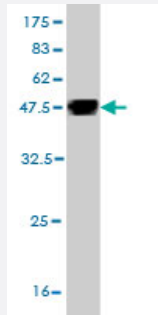
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GOLPH4 is approximately 0.03ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to GOLPH4 on HeLa cell.
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.3 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant GOLPH4.
Immunogen	GOLPH4 (NP_055311.1, 473 a.a. ~ 568 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	HQEQLRQQAHYDAMDNDIVQGAEDQGIQGEEGAYERDNQHQDEAEGDPGNRHEPREQGPREADPESEADRAAVEDINPADDPNNQGEDEFEEAEQV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (78)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.3 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 (Cell lysate)

GOLPH4 monoclonal antibody (M01), clone 5E11 Western Blot analysis of GOLPH4 expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GOLPH4 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to GOLPH4 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — GOLIM4

Entrez GeneID [27333](#)

GeneBank Accession# [NM_014498](#)

Protein Accession# [NP_055311.1](#)

Gene Name GOLIM4

Gene Alias GIMPC, GOLPH4, GPP130, P138

Gene Description golgi integral membrane protein 4

Omim ID [606805](#)

Gene Ontology [Hyperlink](#)

Gene Summary The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. The protein encoded by this gene is a type II Golgi-resident protein. It may process proteins synthesized in the rough endoplasmic reticulum and assist in the transport of protein cargo through the Golgi apparatus. [provided by RefSeq]

Other Designations 130 kDa golgi-localized phosphoprotein|cis Golgi-localized calcium-binding protein|golgi phosphoprotein 4|type II Golgi membrane protein