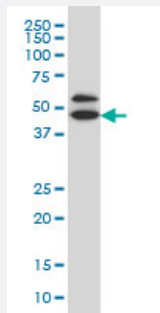


GDI1 monoclonal antibody (M08), clone 1H3

Catalog # H00002664-M08

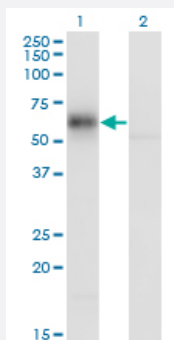
Size 100 ug

Applications



Western Blot (Cell lysate)

GDI1 monoclonal antibody (M08), clone 1H3 Western Blot analysis of GDI1 expression in IMR-32 (Cat # L008V1).

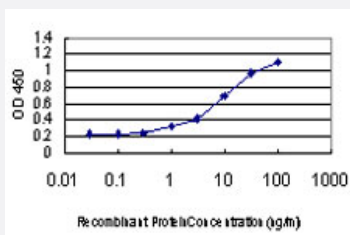


Western Blot (Transfected lysate)

Western Blot analysis of GDI1 expression in transfected 293T cell line by GDI1 monoclonal antibody (M08), clone 1H3.

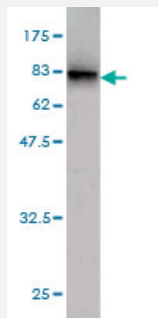
Lane 1: GDI1 transfected lysate(50.6 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GDI1 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (74.91 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant GDI1.
Immunogen	GDI1 (AAH00317, 1 a.a. ~ 447 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDEEYDVIVLGTGLTECIPSGIMSVNGKKVLHMDRNPYYGGESSITPLEELYKRFQLLEGPPESM GRGRDWNVDLIPKFLMANGQLVKMLLYTEVTRYLDFKVVVEGSFVYKGGKIYKVPSTETELASNL MGMFEKRRFRKFLVFVANFDENDPKTFEGVDPQTSMRDVYRKFDLGQDVIDFTGHALALYRTD DYLDQPCLETVNRILYSESLARYGKSPYLYPLYGLGELPQGFARLSAIYGGTYMLNKPVDDIIMEN GKVVGKVKSEGEVARCKQLICDPSYPDRVRKAGQVIRICILSHPIKNTNDANSCQIIIPQNQVNRKSDI YVCMISYAHNVAAQGKYAIASTTVETTDPEKEVEPALELLGPIDQKFVAISDLYEPIDDGCEQVFC SCSYDATTHFETTCNDIKDIYKRMAGTAFDFENMKRKQNDVFGEAEQ
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (74.91 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)

GDI1 monoclonal antibody (M08), clone 1H3 Western Blot analysis of GDI1 expression in IMR-32 (Cat # L008V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of GDI1 expression in transfected 293T cell line by GDI1 monoclonal antibody (M08), clone 1H3.

Lane 1: GDI1 transfected lysate(50.6 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GDI1 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — GDI1

Entrez GeneID [2664](#)

GeneBank Accession# [BC000317](#)

Protein Accession# [AAH00317](#)

Gene Name GDI1

Gene Alias FLJ41411, GDIL, MRX41, MRX48, OPHN2, RABGD1A, RABGDIA, XAP-4

Gene Description GDP dissociation inhibitor 1

Omim ID [300104](#) [309541](#)

Gene Ontology [Hyperlink](#)

Gene Summary GDP dissociation inhibitors are proteins that regulate the GDP-GTP exchange reaction of members of the rab family, small GTP-binding proteins of the ras superfamily, that are involved in vesicular trafficking of molecules between cellular organelles. GDIs slow the rate of dissociation of GDP from rab proteins and release GDP from membrane-bound rabs. GDI1 is expressed primarily in neural and sensory tissues. Mutations in GDI1 have been linked to X-linked nonspecific mental retardation. [provided by RefSeq]

Other Designations OTTHUMP00000032118|mental retardation, X-linked 41|mental retardation, X-linked 48|rab GDP-dissociation inhibitor, alpha