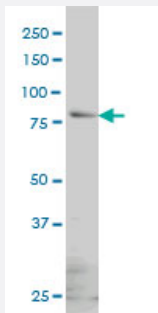


GLB1 monoclonal antibody (M01), clone 6E7

Catalog # H00002720-M01

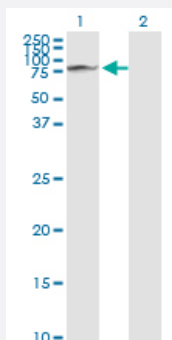
Size 100 ug

Applications



Western Blot (Cell lysate)

GLB1 monoclonal antibody (M01), clone 6E7 Western Blot analysis of GLB1 expression in HeLa (Cat # L013V1).

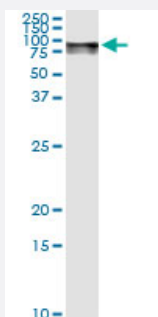


Western Blot (Transfected lysate)

Western Blot analysis of GLB1 expression in transfected 293T cell line by GLB1 monoclonal antibody (M01), clone 6E7.

Lane 1: GLB1 transfected lysate(76.1 KDa).

Lane 2: Non-transfected lysate.

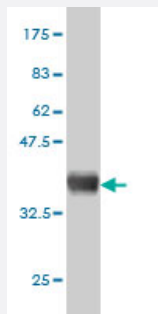
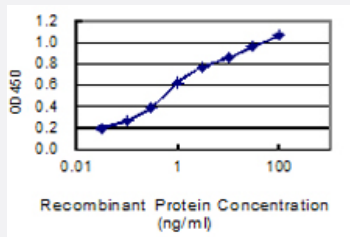


Immunoprecipitation

Immunoprecipitation of GLB1 transfected lysate using anti-GLB1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with GLB1 MaxPab rabbit polyclonal antibody.

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GLB1 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant GLB1.
Immunogen	GLB1 (NP_000395, 578 a.a. ~ 677 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KGQVWINGFNLGRYPARGPQLTLFVPQHILMTSAPNTITVLELEWAPCSSDDPELCAVTFVDRPVIGSSVTYDHPSPVEKRLMPPPPQKNKDSWLDHV
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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)

GLB1 monoclonal antibody (M01), clone 6E7 Western Blot analysis of GLB1 expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of GLB1 expression in transfected 293T cell line by GLB1 monoclonal antibody (M01), clone 6E7.

Lane 1: GLB1 transfected lysate(76.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of GLB1 transfected lysate using anti-GLB1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with GLB1 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GLB1 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — GLB1

Entrez GeneID	2720
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GeneBank Accession#	NM_000404
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Protein Accession#	NP_000395
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Gene Name	GLB1
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Gene Alias	EBP, ELNR1
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Gene Description	galactosidase, beta 1
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Omim ID	230500 611458
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Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes beta-galactosidase-1, a lysosomal enzyme that hydrolyzes the terminal beta-galactose from ganglioside substrates and other glycoconjugates. Defects in this gene are the cause of GM1-gangliosidosis and Morquio B syndrome. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

elastin receptor 1, 67kDa

Pathway

- [Galactose metabolism](#)
- [Glycosaminoglycan degradation](#)
- [Glycosphingolipid biosynthesis - ganglio series](#)
- [Lysosome](#)
- [Metabolic pathways](#)
- [Other glycan degradation](#)
- [Sphingolipid metabolism](#)

Disease

- [Tobacco Use Disorder](#)