RecomAb™

GLB1 recombinant monoclonal antibody, clone 13R4

Catalog # RAB03691 Size 200 ug

Specification

Product Description	Mouse recombinant monoclonal antibody raised against human GLB1.
Antibody Species	Mouse
Immunogen	Original antibody is raised against recombinant protein corresponding to human GLB1.
Reactivity	Bacteria
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Isotype	IgG3 lambda
Recommend Usage	Flow Cytometry Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS with 0.02% Proclin 300
Storage Instruction	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Flow Cytometry
- Western Blot

Gene Info — GLB1

Entrez GeneID	2720

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Gene Name	GLB1
Gene Alias	EBP, ELNR1
Gene Description	galactosidase, beta 1
Omim ID	230500 611458
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

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