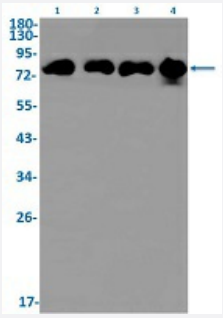
RecomAb™

GLB1 recombinant monoclonal antibody, clone R01-3G1

Catalog # RAB02255 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: K562, Lane 2: C6, Lane 3: 3T3 and Lane 4: Hela lysates with GLB1 recombinant monoclonal antibody, clone R01-3G1 (Cat # RAB02255).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human GLB1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human GLB1.
Theoretical MW (kDa)	Calculated MW: 76 kD
Reactivity	Human, Mouse, Rat
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot

  Western Blot analysis of Lane 1: K562, Lane 2: C6, Lane 3: 3T3 and Lane 4: Hela lysates with GLB1 recombinant monoclonal antibody, clone R01-3G1 (Cat # RAB02255).

Gene Info — GLB1

Entrez GeneID	2720
Protein Accession#	P16278
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-g alactose from ganglioside substrates and other glycoconjugates. Defects in this gene are the cau se of GM1-gangliosidosis and Morquio B syndrome. Multiple transcript variants encoding differen t 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

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Metabolic pathways
- Other glycan degradation
- Sphingolipid metabolism

Disease

- Tobacco Use Disorder

Copyright © 2023 Abnova Corporation. All Rights Reserved.