

GLB1 / Beta-Galactosidase Antibody (clone 10B2)

Mouse Monoclonal Antibody

Catalog # ALS16256

Specification

GLB1 / Beta-Galactosidase Antibody (clone 10B2) - Product Information

Application	WB, IF
Primary Accession	P16278
Reactivity	Human, Mouse, Rat, Monkey, Dog
Host	Mouse
Clonality	Monoclonal
Calculated MW	76kDa KDa

GLB1 / Beta-Galactosidase Antibody (clone 10B2) - Additional Information

Gene ID 2720

Other Names

Beta-galactosidase, 3.2.1.23, Acid
beta-galactosidase, Lactase, Elastin
receptor 1, GLB1, ELNR1

Target/Specificity

Human GLB1 / Beta-Galactosidase

Reconstitution & Storage

Store at -20°C. Minimize freezing and
thawing.

Precautions

GLB1 / Beta-Galactosidase Antibody (clone
10B2) is for research use only and not for
use in diagnostic or therapeutic procedures.

GLB1 / Beta-Galactosidase Antibody (clone 10B2) - Protein Information

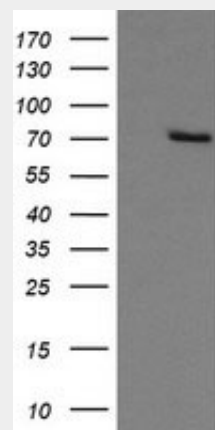
Name GLB1

Synonyms ELNR1

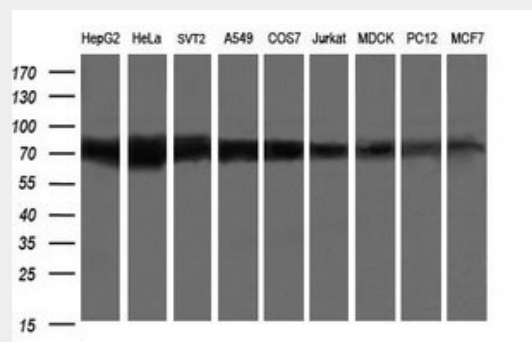
Function

[Isoform 1]: Cleaves beta-linked terminal
galactosyl residues from gangliosides,
glycoproteins, and glycosaminoglycans.

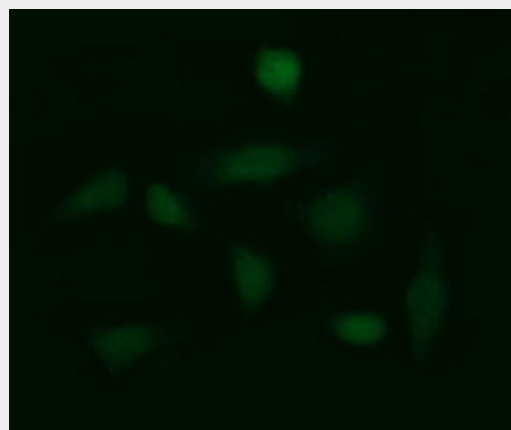
Cellular Location



HEK293T cells were transfected with the
pCMV6-ENTRY control (Left lane) or
pCMV6-ENTRY GLB1...



Western blot of extracts (35 ug) from 9
different cell lines by using anti-GLB1
monoclonal...



[Isoform 1]: Lysosome

Tissue Location

Detected in placenta (at protein level) (PubMed:8383699). Detected in fibroblasts and testis (PubMed:2511208)

Volume

50 µl

Immunofluorescent staining of HeLa cells using anti-GLB1 mouse monoclonal antibody.

GLB1 / Beta-Galactosidase Antibody (clone 10B2) - Background

Cleaves beta-linked terminal galactosyl residues from gangliosides, glycoproteins, and glycosaminoglycans.

GLB1 / Beta-Galactosidase Antibody (clone 10B2) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GLB1 / Beta-Galactosidase Antibody (clone 10B2) - References

Oshima A., et al. Biochem. Biophys. Res. Commun. 157:238-244(1988).
Morreau H., et al. J. Biol. Chem. 264:20655-20663(1989).
Yamamoto Y., et al. DNA Cell Biol. 9:119-127(1990).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Kalinine N., et al. Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.