

GLB1 / Beta-Galactosidase Antibody (clone 10B2)
Mouse Monoclonal Antibody
Catalog # ALS16256**Specification**

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

Application	WB, IHC-P, IF
Primary Accession	P16278
Reactivity	Human, Mouse, Rat, Monkey, Dog
Host	Mouse
Clonality	Monoclonal
Calculated MW	76kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A IF~~1:50~200

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

[Isoform 1]: Lysosome

Tissue Location

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

(PubMed:2511208)

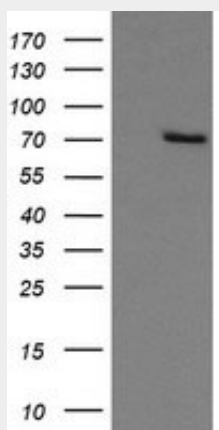
Volume
50 µl

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

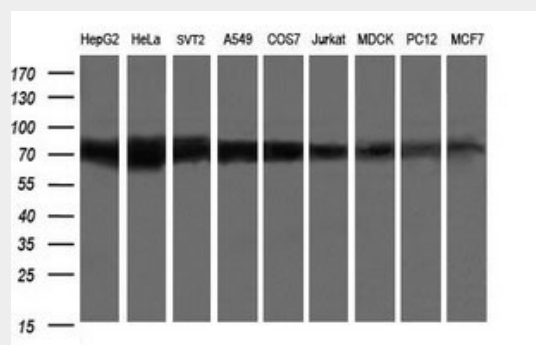
Provided below are standard protocols that you may find useful for product applications.

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

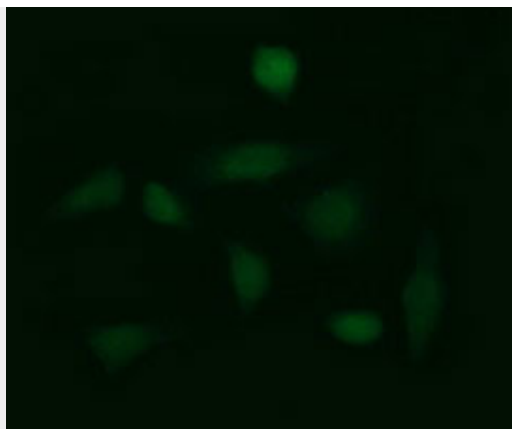
GLB1 / Beta-Galactosidase Antibody (clone 10B2) - Images



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...



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) - 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).

Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.