10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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
[Isoform 1]: Lysosome

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

Volume

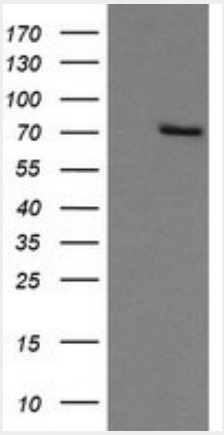
50 µl

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

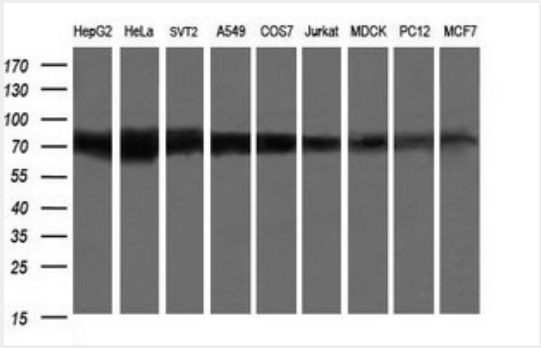
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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

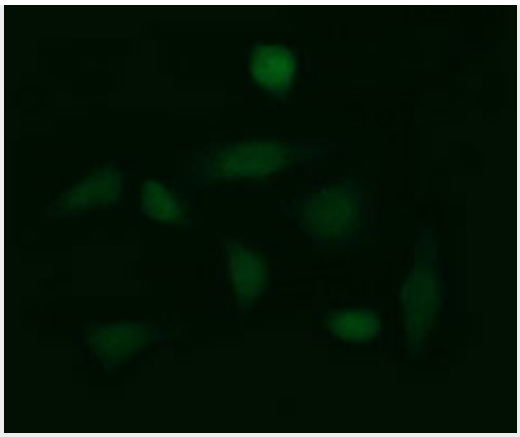


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GLB1...



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

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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.