

GLB1 Rabbit mAb

Catalog No: #52306

Package Size: #52306-1 50ul #52306-2 100ul

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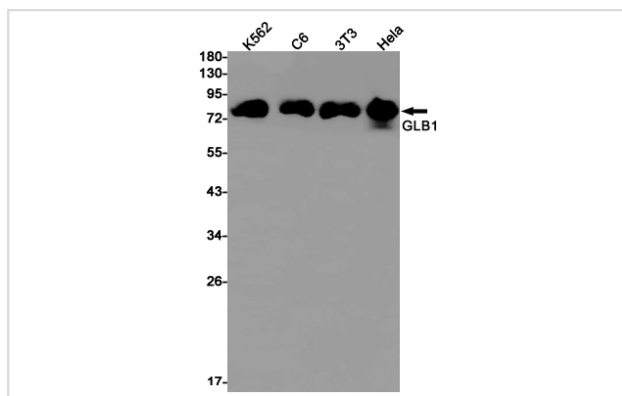
Description

Product Name	GLB1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S01-3G1
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human GLB1
Conjugates	Unconjugated
Modification	Unmodification
Other Names	GLB1; ELNR1; Beta-galactosidase; Acid beta-galactosidase; Lactase; Elastin receptor 1
Accession No.	Swiss-Prot:P16278GenelD:2720
Uniprot	P16278
GenelD	2720
Calculated MW	Calculated MW: 76 kDa; Observed MW: 80 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/2000-1/10000;

Images



Western blot detection of GLB1 in K562,C6,3T3,HeLa cell lysates using GLB1 Rabbit mAb(1:1000 diluted).Predicted band size:76kDa.Observed band size:80kDa.

Background

Swiss-Prot Acc.P16278.Cleaves beta-linked terminal galactosyl residues from gangliosides, glycoproteins, and glycosaminoglycans.Isoform 2 has no beta-galactosidase catalytic activity, but plays functional roles in the formation of extracellular elastic fibers (elastogenesis) and in the development of connective tissue. Seems to be identical to the elastin-binding protein (EBP), a major component of the non-integrin cell surface receptor expressed on fibroblasts, smooth muscle cells, chondroblasts, leukocytes, and certain cancer cell types. In elastin producing cells, associates with tropoelastin intracellularly and functions as a recycling molecular chaperone which facilitates the secretions of tropoelastin and its assembly into elastic fibers.

Note: This product is for in vitro research use only