

Mouse GLB1 / Beta-Galactosidase Monoclonal Antibody | anti-GLB1 antibody

Mouse Monoclonal [clone 10B2] (IgG1) to Human GLB1 / Beta-Galactosidase

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52532	Mouse	Dog, Human, Monkey, Mouse, Rat	Western Blot, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

GLB1 / Beta-Galactosidase; Monoclonal Antibody; Mouse Monoclonal [clone 10B2] (IgG1) to Human GLB1 / Beta-Galactosidase; Anti-GLB1 / Beta-Galactosidase Antibody (clone 10B2) IHC-plus; GLB1; Acid beta-galactosidase; Beta-galactosidase; Elastin receptor 1; Elastin receptor 1 (67kD); 67kDa; Galactosidase; beta 1; ELNR1; Lactase; MPS4B; Human GLB1; Beta-Galactosidase; anti-GLB1 antibody

PRODUCT SPECIFICATIONS

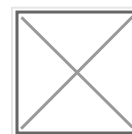
Host	Mouse
Reactivity	Dog, Human, Monkey, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	10B2
Specificity	Human GLB1 / Beta-Galactosidase
Purity/Purification	Protein A/G Purified
Form/Format	PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	677
Applicable Applications for anti-GLB1 antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Full length human recombinant protein of human GLB1(NP_001073279) produced in HEK293T cell.
Immunogen Type	Recombinant protein
Immunogen	GLB1 / Beta-Galactosidase antibody was raised against full length human recombinant protein of human GLB1(NP_001073279) produced in HEK293T cell.
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



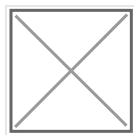
WB (Western Blot)

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GLB1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GLB1.



WB (Western Blot)

Western blot of extracts (35 ug) from 9 different cell lines by using anti-GLB1 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).

**IF (Immunofluorescence)**

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

**IHC (Immunohistochemistry)**

Anti-GLB1 / Beta-Galactosidase antibody IHC staining of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119372308
NCBI GeneID	2720
NCBI Accession #	NP_000395.2
NCBI GenBank Nucleotide #	NM_000404.2
UniProt Accession #	P16278 ; P16279 ; B2R7H8 ; B7Z6B0
Molecular Weight	72,751 Da
NCBI Official Full Name	beta-galactosidase isoform a preproprotein
NCBI Official Synonym Full Names	galactosidase, beta 1
NCBI Official Symbol	GLB1
NCBI Official Synonym Symbols	EBP; ELNR1; MPS4B
NCBI Protein Information	beta-galactosidase; lactase; acid beta-galactosidase; elastin receptor 1, 67kDa
UniProt Protein Name	Beta-galactosidase
UniProt Gene Name	GLB1
UniProt Synonym Gene Names	ELNR1; Lactase
UniProt Entry Name	BGAL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/glb1-beta-galactosidase-antibody-clone-10b2-western-blot-immunofluorescence-immunohistochemistry-elisa/52532>