

Mouse GRHPR Monoclonal Antibody | anti-GRHPR antibody

GRHPR antibody

CATALOG # AAA106238	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

GRHPR; Monoclonal Antibody; GRHPR antibody; Monoclonal GRHPR; Anti-GRHPR; Glyoxylate Reductase/Hydroxypyruvate Reductase; GLXR; PH2; anti-GRHPR antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	10A3
Purity/Purification	GRHPR antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	328
Applicable Applications for anti-GRHPR antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	GRHPR is an enzyme with hydroxypyruvate reductase, glyoxylate reductase and D-glycerate dehydrogenase enzymatic activities. The enzyme has widespread tissue expression and has a role in metabolism. Type II hyperoxaluria is caused by mutations in this gene.
Cross-Reactivity	Human
Immunogen	GRHPR antibody was raised in mouse using a full length recombinant protein of human GRHPR (NP_036335) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of GRHPR protein in paraffin embedded Carcinoma of Human prostate tissue using GRHPR antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant GRHPR protein (Right) or empty vector (Left) detected with GRHPR antibody

ADDITIONAL INFORMATION

Related Product Information for anti-GRHPR antibody	Mouse monoclonal GRHPR antibody
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Product Categories/Family for anti-GRHPR antibody

Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912396
NCBI GeneID	9380
NCBI Accession #	NP_036335
NCBI GenBank Nucleotide #	NM_012203.1
UniProt Accession #	Q9UBQ7; Q5T945; Q9H3E9; Q9H636; Q9UKX1
Molecular Weight	27,843 Da
NCBI Official Full Name	glyoxylate reductase/hydroxypyruvate reductase
NCBI Official Synonym Full Names	glyoxylate reductase/hydroxypyruvate reductase
NCBI Official Symbol	GRHPR
NCBI Official Synonym Symbols	PH2; GLXR; GLYD
NCBI Protein Information	glyoxylate reductase/hydroxypyruvate reductase
UniProt Protein Name	Glyoxylate reductase/hydroxypyruvate reductase
UniProt Gene Name	GRHPR
UniProt Synonym Gene Names	GLXR
UniProt Entry Name	GRHPR_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/grhpr-antibody-clone-10a3-western-blot-immunohistochemistry-flow-cytometry-elisa/106238>