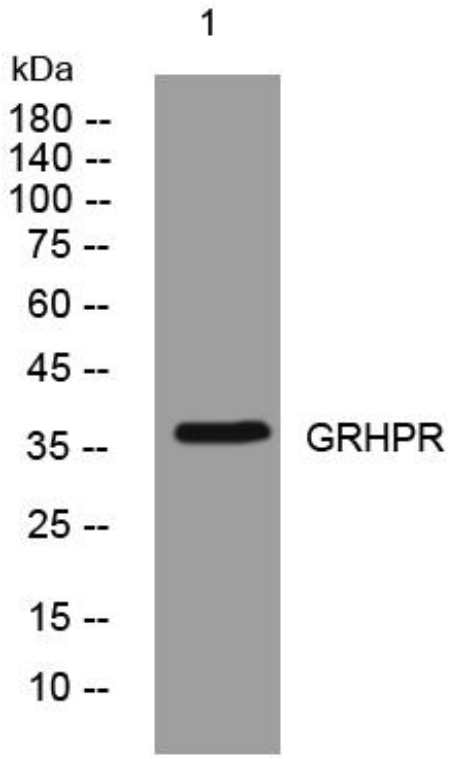
GRHPR mouse mAb

Catalog No	YP-mAb-11201
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	GRHPR GLXR MSTP035
Protein Name	GRHPR
Immunogen	Synthesized peptide derived from human GRHPR AA range: 151-201
Specificity	This antibody detects endogenous levels of GRHPR at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	cytoplasm,peroxisomal matrix,cytosol,extracellular exosome,
Tissue Specificity	Ubiquitous. Most abundantly expressed in the liver.
Function	catalytic activity:Glycolate + NADP(+) = glyoxylate + NADPH.,disease:Defects in GRHPR are the cause of hyperoxaluria primary type II (HP2) [MIM:260000]; also known as primary hyperoxaluria type II (PH2). HP2 is a disorder where the main clinical manifestation is calcium oxalate nephrolithiasis though chronic as well as terminal renal insufficiency has been described. It is characterized by an elevated urinary excretion of oxalate and L-glycerate.,function:Enzyme with hydroxy-pyruvate reductase, glyoxylate reductase and D-glycerate dehydrogenase enzymatic activities.,similarity:Belongs to the D-isomer specific 2-hydroxyacid dehydrogenase family.,subunit:Monomer.,tissue specificity:Ubiquitous. Most abundantly expressed in the liver.,
Background	This gene encodes 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. [provided by RefSeq, Jul 2008],

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using GRHPR mouse mAb