

Mouse anti-Human, Pig Gamma-Glutamyltransferase 1 (gGT1) Monoclonal Antibody | anti-gGT1 antibody

Monoclonal Antibody to Gamma-Glutamyltransferase 1 (gGT1)

CATALOG # AAA152575	HOST Mouse	REACTIVITY Human, Pig	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	----------------------	---------------------------------	---

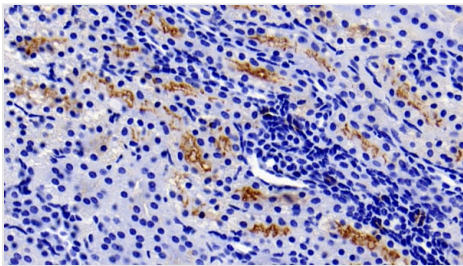
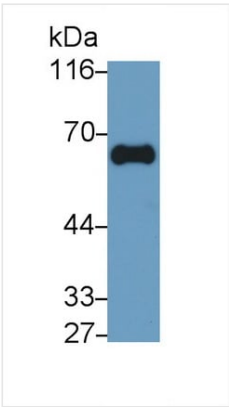
PRODUCT SYNONYMS

Gamma-Glutamyltransferase 1 (gGT1); Monoclonal Antibody; Monoclonal Antibody to Gamma-Glutamyltransferase 1 (gGT1); Gamma-Glutamyltransferase 1; CD224; G-GT1; GTG; Gamma-glutamyltranspeptidase 1; Glutathione hydrolase 1; Leukotriene-C4 hydrolase;; anti-gGT1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Pig
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C1
Specificity	The antibody is a mouse monoclonal antibody raised against gGT1. It has been selected for its ability to recognize gGT1 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Ser122~Ser299
Applicable Applications for anti-gGT1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Gamma-Glutamyltransferase 1 (gGT1)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: human Kidney Tissue; Primary Ab: 20ug/ml Mouse Anti-human gGT1 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

WB (Western Blot)
Western Blot; Sample: Porcine Kidney lysatePrimary Ab: 0.01ug/ml Mouse Anti-human gGT1
AntibodySecond Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-gGT1 antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Enzyme & Kinase
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	47678519
NCBI GeneID	2678
UniProt Accession #	P19440; Q08247; Q14404; Q8TBS1; Q9UMK1
Molecular Weight	61,410 Da
NCBI Official Full Name	GGT1
NCBI Official Synonym Full Names	gamma-glutamyltransferase 1
NCBI Official Symbol	GGT1
NCBI Official Synonym Symbols	GGT; GTG; CD224; GGT 1; D22S672; D22S732
NCBI Protein Information	gamma-glutamyltranspeptidase 1; glutamyl transpeptidase; glutathione hydrolase 1; leukotriene-C4 hydrolase; gamma-glutamyl transpeptidase
UniProt Protein Name	Gamma-glutamyltranspeptidase 1
UniProt Gene Name	GGT1
UniProt Synonym Gene Names	GGT; GGT 1
UniProt Entry Name	GGT1_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.