

Mouse anti-Human, Rat Alanine Aminotransferase (ALT) Monoclonal Antibody | anti-ALT antibody

Monoclonal Antibody to Alanine Aminotransferase (ALT)

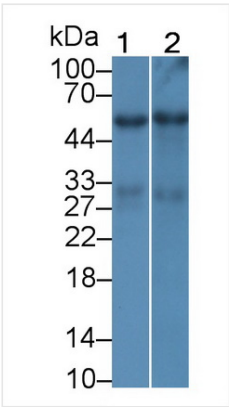
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21229	Mouse	Human, Rat	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation

PRODUCT SYNONYMS

Alanine Aminotransferase (ALT); Monoclonal Antibody; Monoclonal Antibody to Alanine Aminotransferase (ALT); Alanine Aminotransferase; GPT; ALAT; SGPT; AAT1; GPT1; SeuM Glutamic Pyruvic Transaminase; Alanine Transaminase; Glutamate pyruvate transaminase 1; Glutamic--alanine transaminase 1; anti-ALT antibody

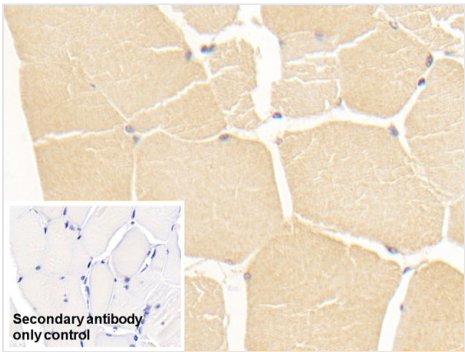
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C4
Specificity	The antibody is a mouse monoclonal antibody raised against ALT. It has been selected for its ability to recognize ALT in immunohistochemical staining and western blotting.
Purity/Purification	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	Ile255~Thr492
Applicable Applications for anti-ALT antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Application Notes	WB: 0.01-2ug/mL IHC: 5-20ug/mL ICC: 5-20ug/mL
Immunogen	Recombinant Alanine Aminotransferase (ALT)
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.



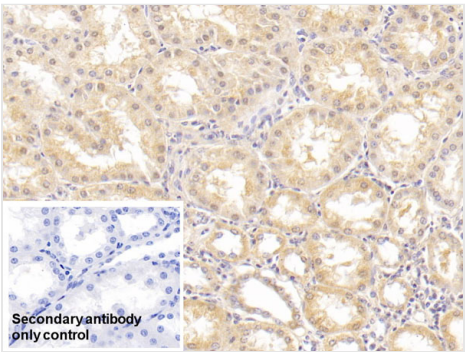
WB (Western Blot)

Western Blot; Sample: Lane1: Rat Liver lysate; Lane2: Rat Skeletal muscle lysate Primary Ab: 2 ug/ml Mouse Anti-human ALT Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



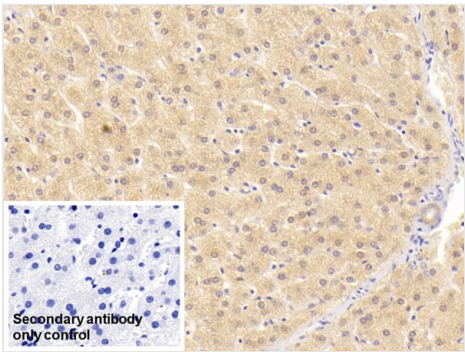
IHC (Immunohistochemistry)

DAB staining on IHC-P;Sample: human Skeletal muscle TissuePrimary Ab: 20ug/ml Mouse Anti-human ALT AntibodyControl: Used PBS instead of primary antibodySecond Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



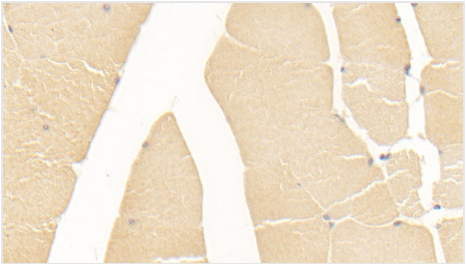
IHC (Immunohistochemistry)

DAB staining on IHC-P;Sample: human Kidney TissuePrimary Ab: 20ug/ml Mouse Anti-human ALT AntibodyControl: Used PBS instead of primary antibodySecond Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



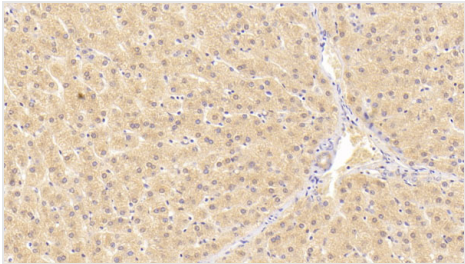
IHC (Immunohistochemistry)

DAB staining on IHC-P;Sample: human Liver TissuePrimary Ab: 20ug/ml Mouse Anti-human ALT AntibodyControl: Used PBS instead of primary antibodySecond Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P;Sample: human Skeletal muscle Tissue; Primary Ab: 20ug/ml Mouse Anti-human ALT AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



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ADDITIONAL INFORMATION

Product Categories/Family for anti-ALT antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Enzyme & Kinase
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1507680
NCBI GeneID	2875
UniProt Accession #	P24298; P78398; Q93076; B0YJ18; D3DWM7

Molecular Weight	54,637 Da
NCBI Official Full Name	alanine aminotransferase
NCBI Official Synonym Full Names	glutamic-pyruvate transaminase (alanine aminotransferase)
NCBI Official Symbol	GPT
NCBI Official Synonym Symbols	AAT1; ALT1; GPT1
NCBI Protein Information	alanine aminotransferase 1; GPT 1; glutamic-alanine transaminase 1; glutamic--alanine transaminase 1; glutamic--pyruvic transaminase 1; glutamate pyruvate transaminase 1
UniProt Protein Name	Alanine aminotransferase 1
UniProt Gene Name	GPT
UniProt Synonym Gene Names	AAT1; GPT1; ALT1; GPT 1
UniProt Entry Name	ALAT1_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/alanine-aminotransferase-alt-antibody-clone-c4-western-blot-immunohistochemistry-immunocytochemistry-immunoprecipitation-elisa/21229>