

Mouse anti-Human, Pig Isocitrate Dehydrogenase 1, Soluble (IDH1) Monoclonal Antibody | anti-IDH1 antibody

Monoclonal Antibody to Isocitrate Dehydrogenase 1, Soluble (IDH1)

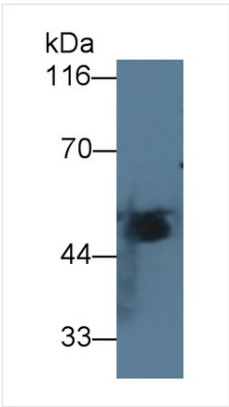
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21212	Mouse	Human, Pig	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation

PRODUCT SYNONYMS

Isocitrate Dehydrogenase 1; Soluble (IDH1); Monoclonal Antibody; Monoclonal Antibody to Isocitrate Dehydrogenase 1; IDH1/Isocitrate Dehydrogenase 1; Soluble; PICD; IDP; Oxalosuccinate decarboxylase; NADP(+)specific ICDH; Cytosolic NADPisocitrate dehydrogenase; anti-IDH1 antibody

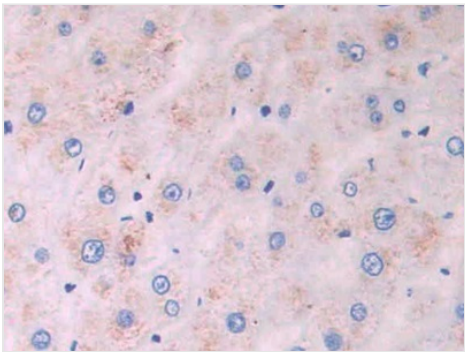
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Pig
Clonality	Monoclonal
Isotype	IgG2a Kappa
Clone Number	C3
Specificity	The antibody is a mouse monoclonal antibody raised against IDH1. It has been selected for its ability to recognize IDH1 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% Proclin300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-IDH1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Application Notes	WB: 0.52ug/mL IHC: 520ug/mL ICC: 520ug/mL
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Ala74~Ile333
Conjugation	Unconjugated
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months 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.



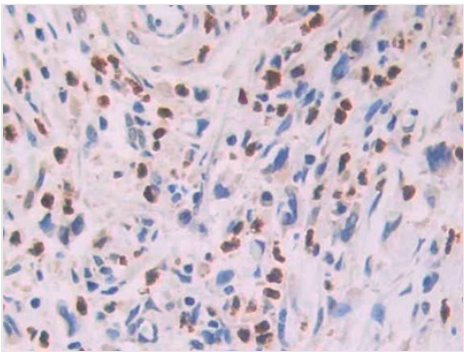
WB (Western Blot)

Western Blot; Sample: Porcine Liver lysate Primary Ab: 5ug/ml Mouse AntiHuman IDH1 Antibody Second Ab: 0.2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



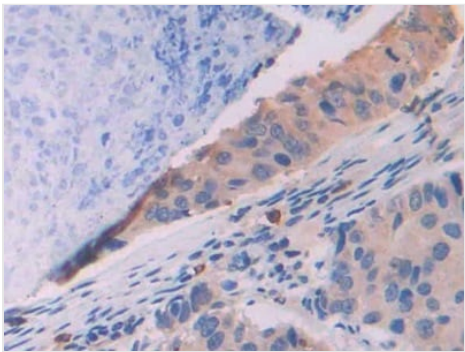
IHC (Immunohistochemistry)

DAB staining on IHCP; Sample: Human Liver Tissue; Primary Ab: 30ug/ml Mouse AntiHuman IDH1 Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



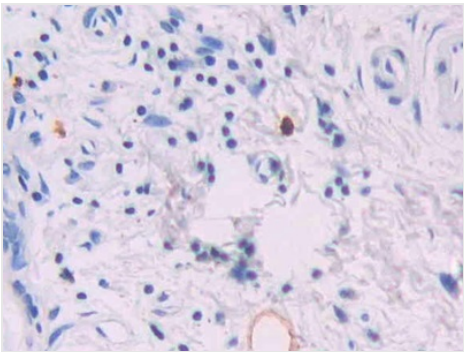
IHC (Immunohistochemistry)

DAB staining on IHCP; Sample: Human Stomach cancer Tissue; Primary Ab: 30ug/ml Mouse AntiHuman IDH1 Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



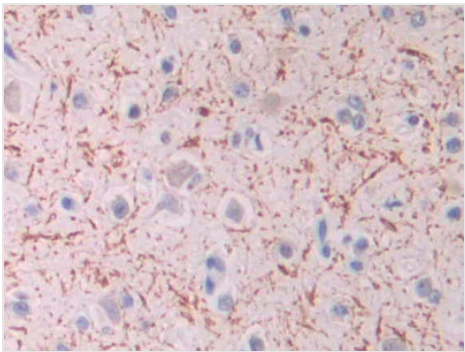
IHC (Immunohistochemistry)

DAB staining on IHCP; Sample: Human Lung cancer Tissue; Primary Ab: 30ug/ml Mouse AntiHuman IDH1 Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



IHC (Immunohistochemistry)

DAB staining on IHCP; Sample: Human Pancreatic cancer Tissue; Primary Ab: 30ug/ml Mouse AntiHuman IDH1 Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



IHC (Immunohistochemistry)

DAB staining on IHCP; Sample: Human Cerebrum Tissue; Primary Ab: 30ug/ml Mouse AntiHuman IDH1 Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

ADDITIONAL INFORMATION

Product Categories/Family for anti-IDH1 antibody	Enzyme & Kinase; Primary
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119590846
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NCBI GeneID	3417
UniProt Accession #	O75874; Q567U4; Q6FHQ6; Q7Z3V0; Q93090; Q9NTJ9; Q9UKW8
Molecular Weight	46,659 Da
NCBI Official Full Name	isocitrate dehydrogenase 1 (NADP+), soluble, isoform CRA_b
NCBI Official Synonym Full Names	isocitrate dehydrogenase 1 (NADP+), soluble
NCBI Official Symbol	IDH1
NCBI Official Synonym Symbols	IDH; IDP; IDCD; IDPC; PICD; HEL-216; HEL-S-26
NCBI Protein Information	isocitrate dehydrogenase [NADP] cytoplasmic; isocitrate dehydrogenase [NADP] cytoplasmic; NADP(+)-specific ICDH; oxalosuccinate decarboxylase; epididymis luminal protein 216; epididymis secretory protein Li 26; NADP-dependent isocitrate dehydrogenase, cyt
UniProt Protein Name	Isocitrate dehydrogenase [NADP] cytoplasmic
UniProt Gene Name	IDH1
UniProt Synonym Gene Names	PICD; IDH
UniProt Entry Name	IDHC_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/isocitrate-dehydrogenase-1-soluble-idh1-antibody-clone-c3-western-blot-immunohistochemistry-immunocytochemistry-immunoprecipitation-elisa/21212>