

Mouse anti-Human, Pig Major Histocompatibility Complex Class I C (MHCC) Monoclonal Antibody | anti-MHCC antibody

Monoclonal Antibody to Major Histocompatibility Complex Class I C (MHCC)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA149565	Mouse	Human, Pig	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

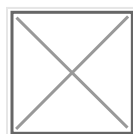
PRODUCT SYNONYMS

Major Histocompatibility Complex Class I C (MHCC); Monoclonal Antibody; Monoclonal Antibody to Major Histocompatibility Complex Class I C (MHCC); MHC-C;; HLAC; HLA-JY3; HLC-C; HLA-C; PSORS1 Leukocyte Antigen C; HLA class I histocompatibility antigen; Cw-7 alpha chain; anti-MHCC antibody

PRODUCT SPECIFICATIONS

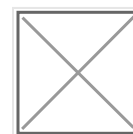
Host	Mouse
Reactivity	Human, Pig
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C19
Specificity	The antibody is a mouse monoclonal antibody raised against MHCC. It has been selected for its ability to recognize MHCC in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G Affinity Chromatography
Form/Format	Liquid; PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence	Ser48~Thr3 05
Applicable Applications for anti-MHCC antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Sequence	Ser48~Thr305
Cross Reactivity	Human
Conjugation	None
Preparation and Storage	Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles. 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



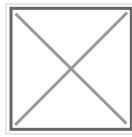
IHC (Immunohistochemistry)

DAB staining on IHC-P; Samples: Human Cardiac Muscle Tissue; Primary Ab: 40ug/ml Mouse Anti-Human MHCC Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)

Western Blot; Sample: A431 cell lysatePrimary Ab: 37g/ml Mouse Anti-Human MHCC AntibodySecond Ab: 0.2ug/mL HRP-Linked Rabbit Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)
Western Blot

ADDITIONAL INFORMATION

Product Categories/Family for anti-MHCC antibody	Immune Molecule
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NCBI AND UNIPROT INFORMATION

NCBI GI #	52630342
NCBI GeneID	3107
NCBI Accession #	NP_002108
NCBI GenBank Nucleotide #	NM_002117.5
UniProt Accession #	P10321; O62883; O78060; O78068; O78069; P30503; Q29743; Q29992; Q29993; Q9GIK8; Q9TQB4; P04222; P30499; P30501; P30504; P30505; P30508; P30510; Q29960; Q29963
Molecular Weight	40,861 Da
NCBI Official Full Name	HLA class I histocompatibility antigen, Cw-1 alpha chain
NCBI Official Synonym Full Names	major histocompatibility complex, class I, C
NCBI Official Symbol	HLA-C
NCBI Official Synonym Symbols	HLC-C; D6S204; PSORS1; HLA-JY3
NCBI Protein Information	HLA class I histocompatibility antigen, Cw-1 alpha chain; HLA class I histocompatibility antigen, C alpha chain; MHC class I antigen heavy chain HLA-C; human leukocyte antigen-C alpha chain; major histocompatibility antigen HLA-C
UniProt Protein Name	HLA class I histocompatibility antigen, Cw-7 alpha chain
UniProt Gene Name	HLA-C
UniProt Synonym Gene Names	HLAC

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/major-histocompatibility-complex-class-i-c-mhcc-antibody-clone-c19-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/149565>