

Rabbit anti-Human, Pig Major Histocompatibility Complex Class I C Polyclonal Antibody | anti-MHCC antibody

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

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20869	Rabbit	Human, Pig	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

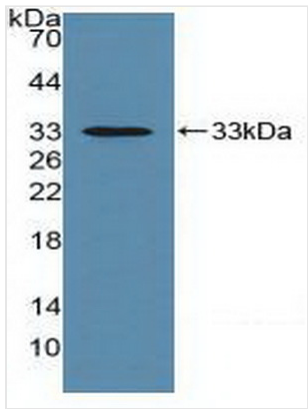
PRODUCT SYNONYMS

Major Histocompatibility Complex Class I C; Polyclonal Antibody; Polyclonal Antibody to Major Histocompatibility Complex Class I C (MHCC); anti-MHCC antibody

PRODUCT SPECIFICATIONS

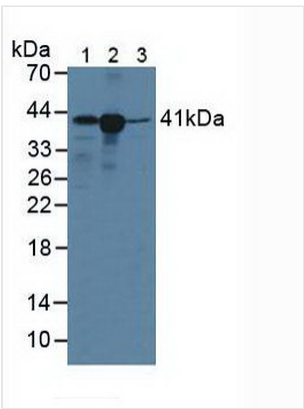
Host	Rabbit
Reactivity	Human, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against MHCC. It has been selected for its ability to recognize MHCC in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQQMGRGSE F-SVG YVDDT QFVRFDSDA SPRGEPRAPW VEQEGPEYWD RETQKYKRQA QADRVSLRNL RGYNQSE DG SHTLQRMSGC DLGPDGRLLR GYDQSAYDGK DYIALNEDLR SWTAADTAAQ ITQRKLEAAR AAEQLRAYLE GTCVEWLRRY LENGKETLQR AEPPKTHVTH HPLSDHEATL RCWALGFYPA EITLTWQRDG EDQTQDTELV ETRPAGDGTG QKWAAVVVPS GQEQR
Applicable Applications for anti-MHCC antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western blotting: 1-5ug/ml Immunocytochemistry in formalin fixed cells: 5-20ug/ml Immunohistochemistry in formalin fixed frozen section: 5-20ug/ml Immunohistochemistry in paraffin section: 5-20ug/ml Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml Optimal working dilutions must be determined by end user.
Fragment	MHCC (Ser48~Thr305)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Pig
Conjugate	No Conjugate
Immunogen	Recombinant MHCC (Ser48~Thr305) expressed in E. coli.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type A431 cell lysate; Lane 2: MHCC knockout A431 cell lysate; Predicted MW: 41kd Observed MW: 48kd Primary Ab: 2ug/ml Rabbit Anti-Human MHCC Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Human.



WB (Western Blot)

Western Blot: Sample: Lane1: Human Lymphocytes Cells; Lane2: Human A431 Cells; Lane3: Porcine Liver Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MHCC antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	52630342
NCBI GeneID	3107
NCBI Accession #	NP_002108.4
NCBI GenBank Nucleotide #	NM_002117.5
UniProt Accession #	P10321; O78061; O78083; Q29631; Q29652; Q29867; Q29990; Q95463; Q95603; Q9MY31; Q9TQP9; P30499; P30501; P30504; P30505; Q07000; Q29865; Q29960; Q95604; P04222; P30508
Molecular Weight	40,649 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	MHC; HLAC; HLC-C; D6S204; PSORS1; HLA-JY3
NCBI Protein Information	HLA class I histocompatibility antigen, Cw-1 alpha chain
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.