

Rabbit anti-Human HLA-C Polyclonal Antibody | anti-HLA-C antibody

HLA-C Antibody

CATALOG # AAA310689	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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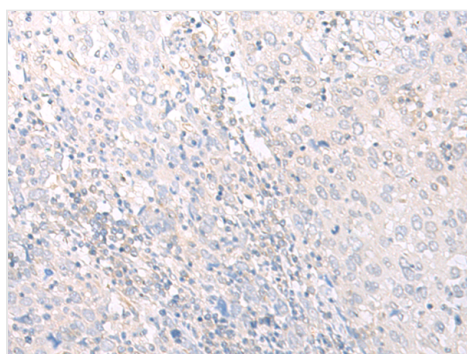
PRODUCT SYNONYMS

HLA-C; Polyclonal Antibody; HLA-C Antibody; MHC; HLAC; HLC-C; D6S204; PSORS1; HLA-JY3; anti-HLA-C antibody

PRODUCT SPECIFICATIONS

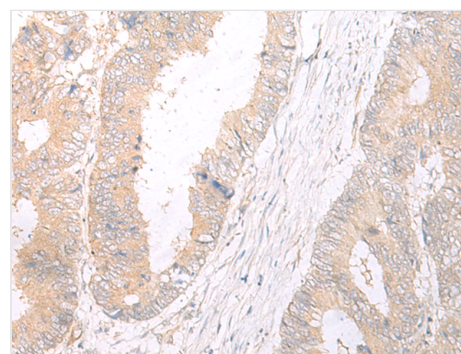
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total HLA-C protein.
Purity/Purification	Antigen affinity purification
Form/Format	pH 7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration	0.7 mg/mL (varies by lot)
Sequence Length	366
Applicable Applications for anti-HLA-C antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human HLA-C
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 47521(HLA-C Antibody) at dilution 1/25.(Original magnification: 200



IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 47521(HLA-C Antibody) at dilution 1/25.(Original magnification: 200

ADDITIONAL INFORMATION

Related Product Information for anti-HLA-C antibody	HLA-C belongs to the HLA class I heavy chain paralogues. This class I molecule is a heterodimer consisting of a heavy chain and a light chain (beta-2 microglobulin). The heavy chain is anchored in the membrane. Class I molecules play a central role in the immune system by presenting peptides derived from endoplasmic reticulum lumen. They are expressed in nearly all cells. The heavy chain is approximately 45 kDa and its gene contains 8 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the alpha1 and alpha2 domain, which both bind the peptide, exon 4 encodes the alpha3 domain, exon 5 encodes the transmembrane region, and exons 6 and 7 encode the cytoplasmic tail. Polymorphisms within exon 2 and exon 3 are responsible for the peptide binding specificity of each class one molecule. Typing for these polymorphisms is routinely done for bone marrow and kidney transplantation. Over one hundred HLA-C alleles have been described.
Product Categories/Family for anti-HLA-C antibody	Total protein Ab

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; P04222; P30499; P30501; P30504; P30505; P30508; P30510; Q07000; Q29865
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hla-c-antibody-immunohistochemistry-elisa/310689>