

Anti-HLA A Picoband Antibody

Catalog # ABO12067

Product Information

Application	WB, IHC-P
Primary Accession	P01892
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for HLA class I histocompatibility antigen, A-2 alpha chain(HLA-A) detection. Tested with WB, IHC-P in Human;Mouse;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

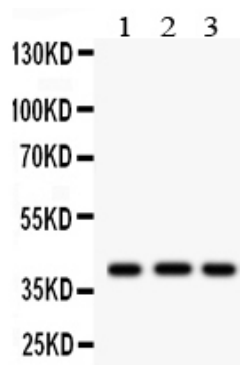
Other Names	HLA class I histocompatibility antigen, A-2 alpha chain, MHC class I antigen A*2, HLA-A, HLAA
Calculated MW	40922 Da
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, Rat, By Heat Western blot, 0.1-0.5 µg/ml, Human, Mouse
Subcellular Localization	Membrane; Single-pass type I membrane protein.
Protein Name	HLA class I histocompatibility antigen, A-2 alpha chain
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human HLA A (82-106aa EYWDGETRKVKAHSQTHRVDLGTLR).
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins.
Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time.Avoid repeated freezing and thawing.
Sequence Similarities	Belongs to the MHC class I family.

Protein Information

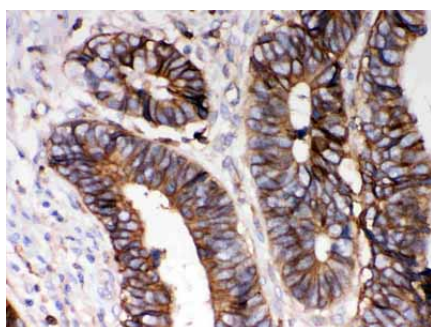
Background

HLA-A, namely HLA A, is a group of human leukocyte antigens (HLA) that are coded for by the HLA-A locus, which is located at human chromosome 6p21.3. HLA is simply the major histocompatibility complex (MHC) specific to humans. HLA-A is one of three major types of human MHC class I cell surface receptors. The others are HLA-B and HLA-C. And it is critical to the cytotoxic t-cell controlled immune response to viruses and other intracellular pathogens. Because each HLA-A gene has a high affinity for slightly different peptides, certain HLA-As are associated with increased risk, more rapid progression, and/or increased severity of many diseases. For similar reasons, HLA-A matching is essential to successful tissue transplants.

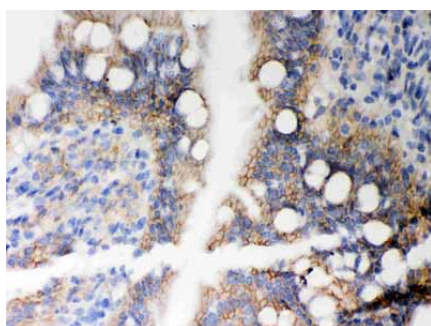
Images



Anti- HLA-A Picoband antibody, ABO12067, Western blotting
All lanes: Anti HLA-A (ABO12067) at 0.5ug/ml
Lane 1: U87 Whole Cell Lysate at 40ug
Lane 2: HEPG2 Whole Cell Lysate at 40ug
Lane 3: Mouse Brain Tissue Lysate at 50ug
Predicted bind size: 41KD
Observed bind size: 41KD



Anti- HLA-A Picoband antibody, ABO12067, IHC(P)
Human Intestinal Cancer Tissue



Anti- HLA-A Picoband antibody, ABO12067, IHC(P)
Rat Intestine Tissue

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.