

兔抗 HLA-A/F/H 多克隆抗体

中文名称: 兔抗 HLA-A/F/H 多克隆抗体

英文名称: Anti-HLA-A/F/H rabbit polyclonal antibody

别 名: major histocompatibility complex, class I, A/F/H; HLAA; HLAF; CDA12; HLA-5.4; HLA-CDA12; HLAHP

抗 原: HLA-A/F/H

储 存:冷冻(-20℃)

宿 主: Rabbit

反应种属: Human

相关类别: 一抗

标 记 物: Unconjugate

克隆类型: rabbit polyclonal

技术规格

Background:

HLA-A belongs to the HLA class I heavy chain paralogues. This cla ss I molecule is a heterodimer consisting of a heavy chain and a li ght chain (beta-2 microglobulin). The heavy chain is anchored in t he membrane. Class I molecules play a central role in the immune system by presenting peptides derived from the endoplasmic retic ulum lumen. They are expressed in nearly all cells. The heavy chain is approximately 45 kDa and its gene contains 8 exons. Exon 1 encodes the leader peptide, exons 2 and 3 encode the alpha1 and alpha2 domains, 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 specificit



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	y of each class one molecule. Typing for these polymorphisms is r outinely done for bone marrow and kidney transplantation. Hundre ds of HLA-A alleles have been described. HLA-F belongs to the HL A class I heavy chain paralogues. It encodes a non-classical heavy chain that forms a heterodimer with a beta-2 microglobulin light c hain, with the heavy chain anchored in the membrane. Unlike mos t other HLA heavy chains, this molecule is localized in the endopla smic reticulum and Golgi apparatus, with a small amount present at the cell surface in some cell types. It contains a divergent pepti de-binding groove, and is thought to bind a restricted subset of p eptides for immune presentation. This gene exhibits few polymorp hisms. Multiple transcript variants encoding different isoforms have been found for this gene. These variants lack a coding exon found in transcripts from other HLA paralogues due to an altered splice acceptor site, resulting in a shorter cytoplasmic domain. HLA-H rep resents a transcribed pseudogene, possibly derived from HLA-A. Th is gene displays extensive variation.
Applications:	ELISA, IHC
Name of antibody:	HLA-A/F/H
Immunogen:	Synthetic peptide of human HLA-A/F/H
Full name:	major histocompatibility complex, class I, A/F/H
Synonyms:	HLAA; HLAF; CDA12; HLA-5.4; HLA-CDA12; HLAHP
SwissProt:	P01893
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human tonsil and Human cervical cancer
IHC Recommend dilu	25-100



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100KD-

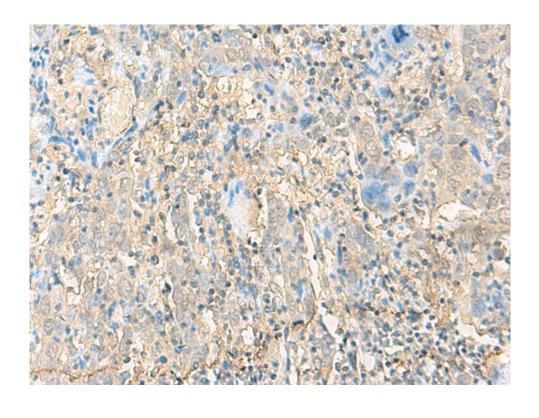
70KD-

55KD-

40KD-

35KD=

25KD-





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