

兔抗 HLA-B 多克隆抗体

中文名称：兔抗 HLA-B 多克隆抗体

英文名称：Anti-HLA-B rabbit polyclonal antibody

别名：major histocompatibility complex, class I, B; AS; HLAB; B-4901

相关类别：一抗

储存：冷冻（-20℃）

宿主：Rabbit

抗原：HLA-B

反应种属：Human

标记物：Unconjugate

克隆类型：rabbit polyclonal

技术规格

Background:

HLA-B 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 the endoplasmic reticulum 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, exon 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. Polymorp

	hisms 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. Hundreds of HLA-B alleles have been described.
Applications:	ELISA, WB, IHC
Name of antibody:	HLA-B
Immunogen:	Synthetic peptide of human HLA-B
Full name:	major histocompatibility complex, class I, B
Synonyms:	AS; HLAB; B-4901
SwissProt:	P01889
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human cervical cancer
IHC Recommend dilution:	30-150
WB Predicted band size:	40 kDa
WB Positive control:	A549 cell lysate
WB Recommended dilution:	500-2000

