

Rabbit Anti-HLA E/AP Conjugated antibody

SL1279R-AP

Product Name	Anti-HLA E/AP
Chinese Name	碱性磷酸酶 (AP) 标记的人类白细胞抗原 E 抗体
Alias	HLA class I histocompatibility antigen E alpha chain; DKFZp686P19218; EA1.2; EA2.1; HLA 6.2; HLA class I histocompatibility antigen alpha chain E; HLA class I histocompatibility antigen E alpha chain precursor; HLA-6.2; HLA6.2; HLAE; Lymphocyte antigen; Major histocompatibility complex class I E; MHC; MHC class I antigen E; MHC HLA E alpha 1; MHC HLA E alpha 2.1;HLA-E; QA1.
Research Area	Tumour immunology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human
Applications	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	37kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human HLA E
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	background: HLA-E 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. HLA-E binds a

restricted subset of peptides derived from the leader peptides of other class I molecules. 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 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. [provided by RefSeq, Jul 2008]

Function:

Preferably binds to a peptide derived from the signal sequence of most HLA-A, -B, -C and -G molecules.

Subunit:

Heterodimer of an alpha chain and a beta chain (beta-2-microglobulin).

Subcellular Location:

Membrane; Single-pass type I membrane protein.

Similarity:

Belongs to the MHC class I family.

Contains 1 Ig-like C1-type (immunoglobulin-like) domain.

Database links:

[Entrez Gene: 3133](#) Human

[Omim: 143010](#) Human

[SwissProt: P13747](#) Human

[Unigene: 650174](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

人类白细胞抗原 E(Human Leukocyte Antigen-E)是一种非典型的白细胞抗原I族组织相容性抗原,在病理情况下 HLA-G 只在某些癌细胞表达,HLA-E 是一个具有高度 Tumour 特异性的 TumourMaker。