ELK Biotechnology

HLAE rabbit pAb

Cat No.:ES11907

For research use only

Overview

Product Name	HLAE rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	HLAE Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	HLA class I histocompatibility antigen, alpha chain E (MHC class I antigen E)
Gene Name	HLA-E HLA-6.2 HLAE
Cellular localization	Cell membrane ; Single-pass type I membrane protein. Golgi apparatus membrane .; [Soluble HLA class I histocompatibility antigen, alpha chain E]: Secreted .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	39kD
Human Gene ID	3133
Human Swiss-Prot Number	P13747
Alternative Names	
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],
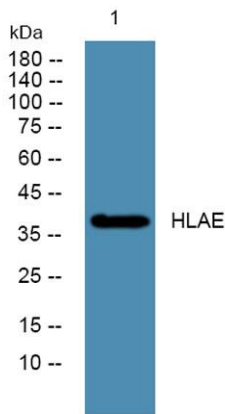
Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4°over night