

HLAE Rabbit pAb

CatalogNo: YN2961

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- WB, ELISA

MW

- 39kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage*

-15°C to -25°C/1 year(Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from part region of human protein

Specificity

HLAE Polyclonal Antibody detects endogenous levels of protein.

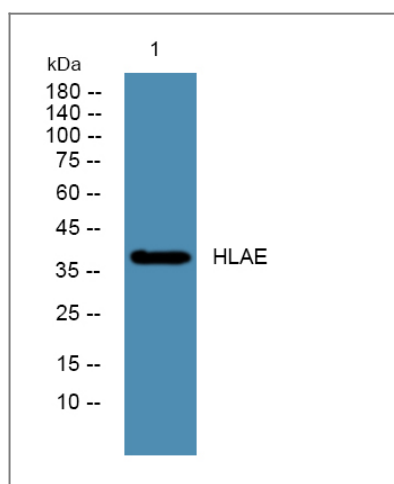
Target Information

Gene name

HLA-E HLA-6.2 HLAE

Protein Name	HLA class I histocompatibility antigen, alpha chain E (MHC class I antigen E)		
	Organism	Gene ID	UniProt ID
	Human	3133 ;	P13747 ;
Cellular Localization	Cell membrane ; Single-pass type I membrane protein. Golgi apparatus membrane .; [Soluble HLA class I histocompatibility antigen, alpha chain E]: Secreted .		
Tissue specificity	Expressed in secretory endometrial cells during pregnancy (at protein level). The expression in nonlymphoid tissues is restricted to endothelial cells from all types of vessels, including arteries, veins, capillaries, and lymphatics (at protein level). In lymphoid organs, it is mainly expressed in endothelial venules, B and T cells, monocytes, macrophages, NK cells and megakaryocytes (at protein level).		
Function	Caution:The existence of allele E*0102 (PubMed:3260916) and allele E*0104 (PubMed:1977695) is uncertain. The alleles could not be confirmed in further studies (PubMed:12445303).,Function:Preferably binds to a peptide derived from the signal sequence of most HLA-A, -B, -C and -G molecules.,polymorphism:The following alleles of E-1 are known: E*0101, E*0102, E*0103 and E*0104. The sequence shown is that of E*0101.,similarity:Belongs to the MHC class I family.,similarity:Contains 1 Ig-like C1-type (immunoglobulin-like) domain.,subunit:Heterodimer of an alpha chain and a beta chain (beta-2-microglobulin).,		

Validation Data



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4° over night

Contact information

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