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Datasheet for ABIN7247054 anti-HLA-E antibody

2 Images



#### Overview

Quantity:	200 μL
Target:	HLA-E
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HLA-E antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Fusion protein of human HLA-E
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

## Target Details

Target:	HLA-E
Alternative Name:	HLA-E (HLA-E Products)
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

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	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.
UniProt:	P13747
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Human Leukocyte Antigen (HLA) in Adaptive Immune Response

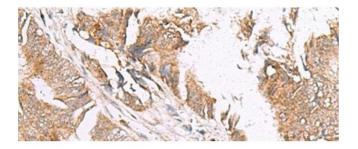
## Application Details

Target Details

Application Notes:	IHC 1:50-1:300, ELISA 1:5000-1:10000
Restrictions:	For Research Use only

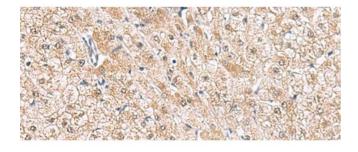
## Handling

Format:	Liquid
Concentration:	0.9 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using HLA-E Polyclonal Antibody at dilution of 1:50(x200)



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of paraffin-embedded Human liver cancer tissue using HLA-E Polyclonal Antibody at dilution of 1:50(x200)

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