

HLA-E Polyclonal Antibody

Catalog Number:E-AB-18997



Note: Centrifuge before opening to ensure complete recovery of vial contents.

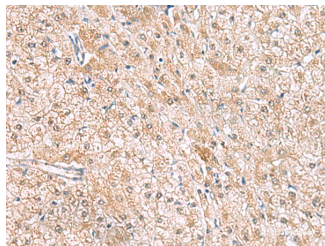
Description

Reactivity	Human
Immunogen	Fusion protein of human HLA-E
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4

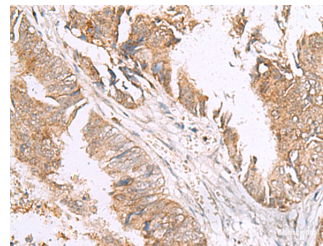
Applications Recommended Dilution

IHC	1:50-1:300
ELISA	1:5000-1:10000

Data



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using HLA-E Polyclonal Antibody at dilution of 1:50(×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using HLA-E Polyclonal Antibody at dilution of 1:50(×200)

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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.

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