Datasheet for ABIN674334

anti-HLA-E antibody (AA 251-358)

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Overview

Quantity:	100 µL
Target:	HLA-E
Binding Specificity:	AA 251-358
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HLA-E antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HLA E
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

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

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Target Details

Background:	Synonyms: MHC, QA1, EA1.2, EA2.1, HLA-6.2, HLA class I histocompatibility antigen, alpha chain E, MHC class I antigen E, HLA-E, HLAE 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.
Gene ID:	3133
UniProt:	P13747
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	FCM 1:20-100
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

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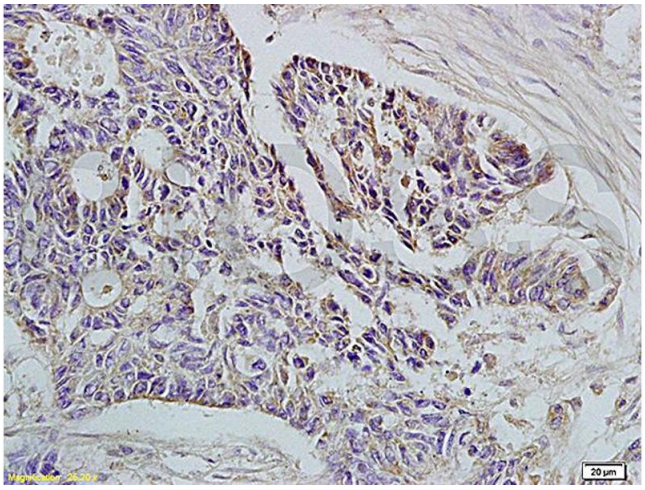
Publications

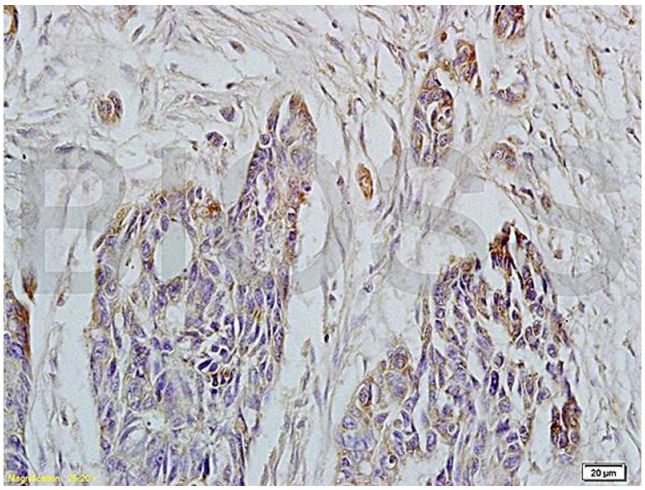
Product cited in: Sun, Xu, Huang, Huang, Wen, Zhang, Wang, Song, Zheng, Sun, Wei, Xiao, Sun, Tian: "High NKG2A expression contributes to NK cell exhaustion and predicts a poor prognosis of patients with liver cancer." in: **Oncoimmunology**, Vol. 6, Issue 1, pp. e1264562, (2017) (PubMed).

Images



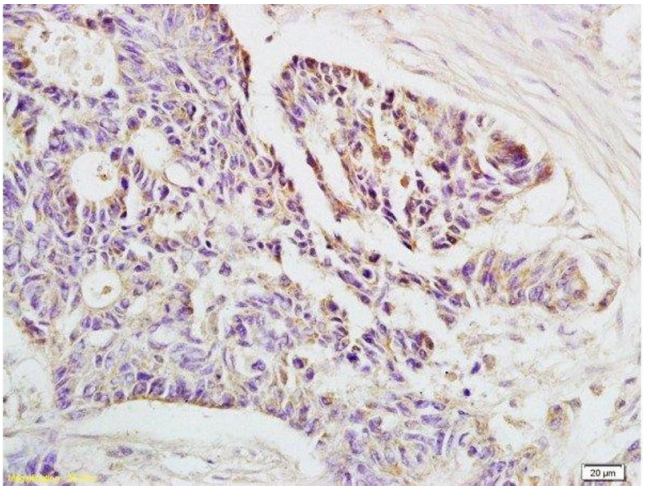
Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human rectal carcinoma labeled with Rabbit Anti-HLA-E Polyclonal Antibody , Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining

Images

Please check the product details page for more images. Overall 4 images are available for ABIN674334.

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