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Datasheet for ABIN462415 anti-HLA-E antibody

2 Images



Overview

Quantity:	0.05 mg
Target:	HLA-E
Reactivity:	Human, Primate
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HLA-E antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunoprecipitation (IP), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

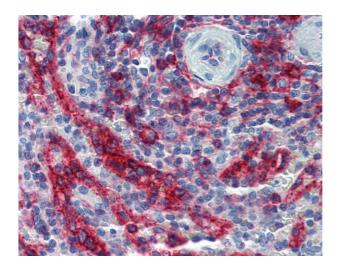
Product Details

Brand:	IHC-plus™
Immunogen:	Bacterially expressed recombinant HLA-E refolded with beta2-microglobulin and peptide.
	Type of Immunogen: Synthetic peptide
Clone:	MEM-E-06
Isotype:	lgG1
Specificity:	Recognized native surface-expressed HLA-E, but not denatured heavy chain of HLA-E. HLA-E
	belongs to the MHC Class I molecules (MHC Class Ib, nonclassical) and it is expressed on
	many types of the human cells. The published results showed that the antibody cross-reacts
	with some classical MHC Class I molecules (HLA-A3, -A11, -B7). However, the recent Workshop
	l Session on the 3rd International Conference on HLA-G (Paris, July 2003) confirmed that the

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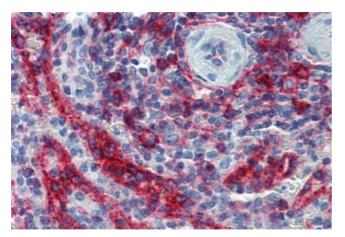
Product Details	
	antibody exhibits much broader cross-reactivity classical MHC Class I antigens, namely with
	HLA-A24, -A32, -B8, -B15, -B27, -B35, -B44, -B54, -C3, -C4, -C5, -C7
Purification:	Protein A purified
Target Details	
Target:	HLA-E
Alternative Name:	HLA-E (HLA-E Products)
UniProt:	P13747
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Human Leukocyte Antigen (HLA) in Adaptive Immune Response
Application Details	
Application Notes:	Approved: Flo, IHC, IHC-P (10 µg/mL), IP
	Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody,
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Tris buffered saline (TBS), 15 mM sodium azide, approx, pH 8.0. Sourced in Ascites.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	avoid freeze thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles.

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Immunohistochemistry

Image 1. Anti-HLA-E antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffinembedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 2. Spleen, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)

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