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## Datasheet for ABIN364251 anti-HLA-E antibody

2 Images



## Overview

Quantity:	0.05 mg
Target:	HLA-E
Reactivity:	Human, Primate
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p))

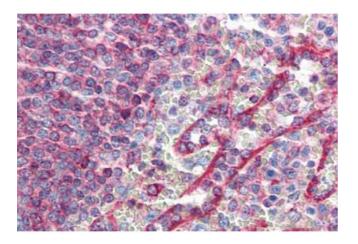
## Product Details

Brand:	IHC-plus™
Immunogen:	Recombinant human HLA-E denatured heavy chain.
	Type of Immunogen: Recombinant protein
Clone:	MEM-E-02
Isotype:	lgG1
Specificity:	Reacts with denatured heavy chain of human HLA-E. HLA-E belongs to the MHC Class I molecules (MHC Class Ib, nonclassical) and it is expressed on the surface of all human cell types
Purification:	Protein A purified

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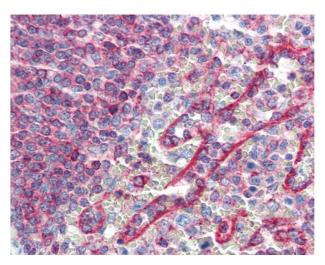
Target Details		
Target:	HLA-E	
Alternative Name:	HLA-E (HLA-E Products)	
Background:	Name/Gene ID: HLA-E	
	Synonyms: HLA-E, EA2.1, HLAE, MHC HLA-E alpha-2.1, MHC HLA-E alpha-1, EA1.2, HLA-6.2, MHC class I antigen E, QA1	
Gene ID:	3133	
UniProt:	P13747	
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Human Leukocyte Antigen (HLA) in Adaptive Immune Response	
Application Details		
Application Notes:	Approved: IHC, IHC-P (10 µg/mL), WB	
	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:	PBS, 15 mM sodium azide, approx, pH 7.4. 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 (Paraffin-embedded Sections)

**Image 1.** Human Spleen (formalin-fixed, paraffinembedded) stained with HLA-E antibody ABIN364251 at 10 ug/ml followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



#### Immunohistochemistry

**Image 2.** Anti-HLA-E antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffinembedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

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