

Datasheet for ABIN1944779
anti-HLA-B antibody (N-Term)

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Overview

Quantity:	400 µL
Target:	HLA-B
Binding Specificity:	AA 75-107, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HLA-B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This HLA-B antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 75-107 amino acids from the N-terminal region of human HLA-B.
Clone:	RB47637
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HLA-B
Alternative Name:	HLA-B (HLA-B Products)
Background:	Involved in the presentation of foreign antigens to the immune system.

Target Details

UniProt:	P30464
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Cancer Immune Checkpoints , Human Leukocyte Antigen (HLA) in Adaptive Immune Response

Application Details

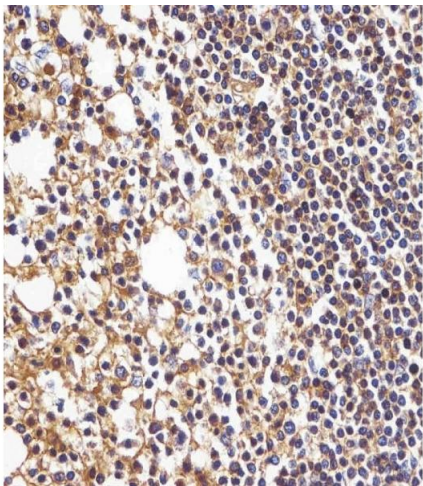
Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:25. IHC-P: 1:25. IHC-P: 1:25. IHC-P: 1:25
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Expiry Date:	6 months

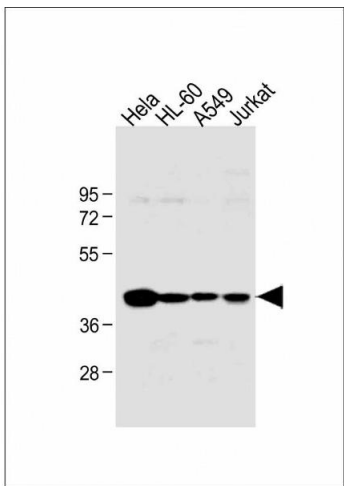
Publications

Product cited in:	<p>Li, Wang, Xue, Pritchard, Wang: "Changes in the mitochondrial protein profile due to ROS eruption during ageing of elm (<i>Ulmus pumila</i> L.) seeds." in: Plant physiology and biochemistry : PPB, Vol. 114, pp. 72-87, (2017) (PubMed).</p> <p>Hillier, Fulton, Fulton, Graves, Pepin, Wagner-McPherson, Layman, Maas, Jaeger, Walker, Wyllie, Sekhon, Becker, OLaughlin, Schaller, Fewell, Delehaunty, Miner, Nash, Cordes, Du, Sun, Edwards et al.: "The DNA sequence of human chromosome 7. ..." in: Nature, Vol. 424, Issue 6945, pp. 157-64, (2003) (PubMed).</p> <p>Evans, Scarpulla: "The human somatic cytochrome c gene: two classes of processed pseudogenes demarcate a period of rapid molecular evolution." in: Proceedings of the National Academy of Sciences of the United States of America, Vol. 85, Issue 24, pp. 9625-9, (1989) (PubMed).</p>
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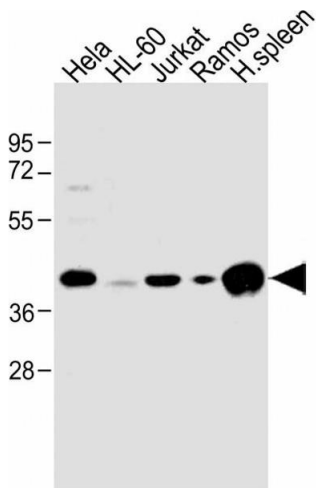
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. (ABIN1944779 and ABIN2838521) staining HLA-B in human tonsil tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0.5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hour at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Western Blotting

Image 2. All lanes : Anti-HLA-B Antibody (N-term) at 1:1000 dilution Lane 1: HeLa whole cell lysate Lane 2: HL-60 whole cell lysate Lane 3: A549 whole cell lysate Lane 4: Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 40 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. All lanes : Anti-HLA-B Antibody (N-term) at 1:1000 dilution Lane 1: HeLa whole cell lysate Lane 2: HL-60 whole cell lysate Lane 3: Jurkat whole cell lysate Lane 4: Ramos whole cell lysate Lane 5: human spleen lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 40 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN1944779.