

Datasheet for ABIN652557
anti-HLA-B antibody (N-Term)

3 Images

[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	HLA-B
Binding Specificity:	AA 62-90, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HLA-B antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This HLA-B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 62-90 amino acids from the N-terminal region of human HLA-B.
Clone:	RB20998
Isotype:	IgG
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)

Target Details

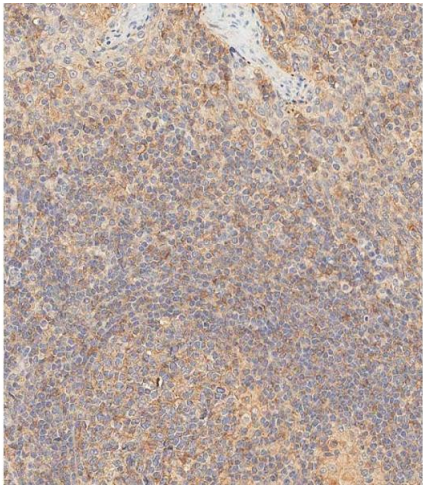
Background:	HLA-B is involved in the presentation of foreign antigens to the immune system.
Gene ID:	3106
UniProt:	P03989
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Cancer Immune Checkpoints , Human Leukocyte Antigen (HLA) in Adaptive Immune Response

Application Details

Application Notes:	WB: 1:1000-2000. IHC-P-Leica: 1:500. FC: 1:25
Restrictions:	For Research Use only

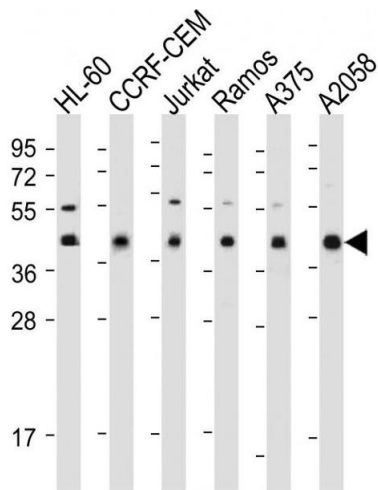
Handling

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
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



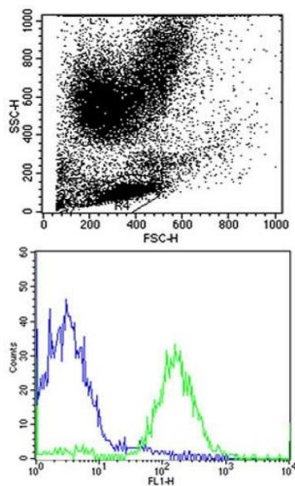
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of paraffin-embedded Human tonsil tissue using (ABIN652557 and ABIN2842374) performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH 9.0). Samples were incubated with primary Antibody (1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



Western Blotting

Image 2. All lanes : Anti-HLA-B Antibody (N-term) at 1:1000-2000 dilution Lane 1: HL-60 whole cell lysate Lane 2: CCRF-CEM whole cell lysate Lane 3: Jurkat whole cell lysate Lane 4: Ramos whole cell lysate Lane 5: whole cell lysate Lane 6: 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.



Flow Cytometry

Image 3. Flow cytometric analysis of human peripheral blood lymphocytes cells using HLA-B Antibody (N-term) (green, Cat(ABIN652557 and ABIN2842374)) compared to an isotype control of rabbit IgG (blue). (ABIN652557 and ABIN2842374) was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.