

HLA-B Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AW5047

Product Information

Application	FC, WB
Primary Accession	P03989
Other Accession	P30490 , P30488 , P30487 , P30486 , P30485 , P30483 , P30481 , P30479 , Q04826 , P18463 , P30464 , P30461
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40428 Da
Isotype	Rabbit IgG
Antigen Source	HUMAN

Additional Information

Antigen Region	62-90
Other Names	HLA-B; HLAB; HLA class I histocompatibility antigen, B-27 alpha chain; MHC class I antigen B*27
Dilution	FC~~1:25 WB~~1:1000
Target/Specificity	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.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	HLA-B Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

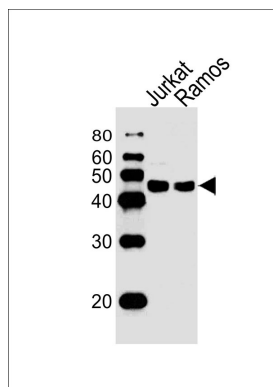
Background

HLA-B is involved in the presentation of foreign antigens to the immune system.

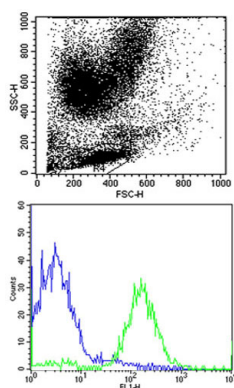
References

Higgins,C.M., et.al., Ann. Rheum. Dis. 51 (7), 855-862 (1992)
Guild,B.C.et.al., J. Biol. Chem. 259 (14), 9235-9240 (1984)
Orr,H.T., et.alt., Biochemistry 18 (25), 5711-5720 (1979)

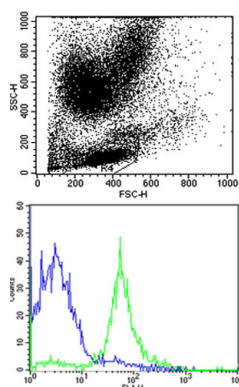
Images



Western blot analysis of lysates from Jurkat, Ramos cell line (from left to right), using HLA-B Antibody (N-term)(Cat. #AW5047). AW5047 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.



Flow cytometric analysis of human peripheral blood lymphocytes cells using HLA-B Antibody (N-term) (green, Cat#AW5047) compared to an isotype control of rabbit IgG (blue). AW5047 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.



Flow cytometric analysis of human peripheral blood lymphocytes cells using HLA-B Antibody (N-term) (green, Cat#AW5047) compared to an isotype control of rabbit IgG (blue). AW5047 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.