10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

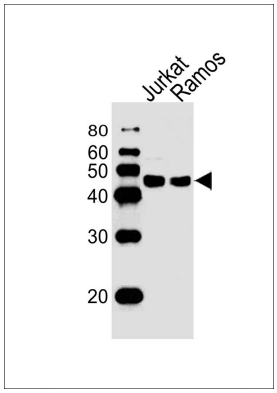
Background

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

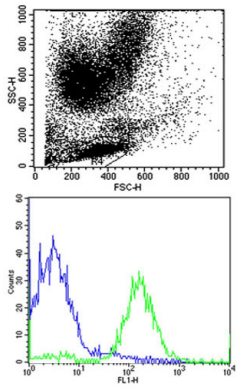
References

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)

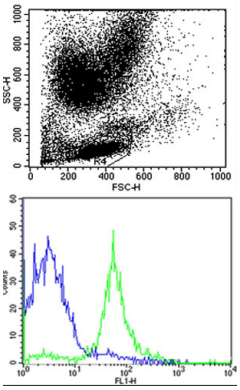
Images



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 lgG 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 lgG 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'.