

Rabbit anti-Human HLA-B Polyclonal Antibody | anti-HLA-B antibody

HLA-B Antibody (N-term)

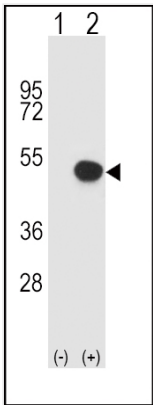
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28743	Rabbit	Human	Western Blot, ELISA, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

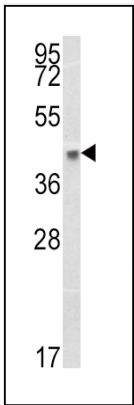
HLA-B; Polyclonal Antibody; HLA-B Antibody (N-term); HLA class I histocompatibility antigen; B-27 alpha chain; MHC class I antigen B*27; HLAB; anti-HLA-B antibody

PRODUCT SPECIFICATIONS

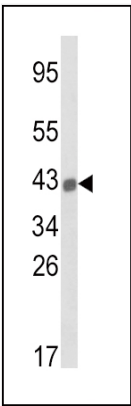
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HLA-B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 62-90 amino acids from the N-terminal region of human HLA-B.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Sequence Positions	62-90
Sequence Length	362
Applicable Applications for anti-HLA-B antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	FC~~1:10~50 WB~~1:1000
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



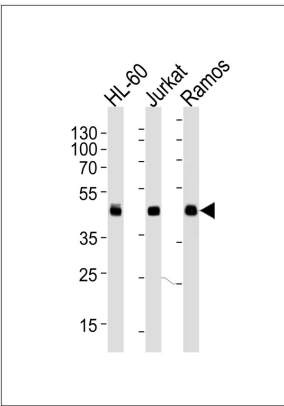
WB (Western Blot)
Western blot analysis of HLA-B (arrow) using rabbit polyclonal HLA-B Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the HLA-B gene.



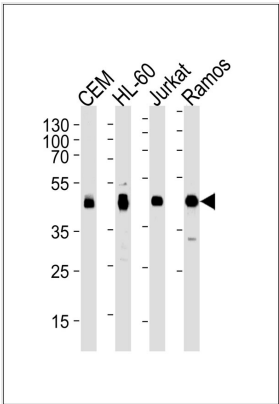
WB (Western Blot)
Western blot analysis of HLA-B Antibody (N-term) in A375 cell line lysates (35ug/lane). HLA-B (arrow) was detected using the purified Pab.



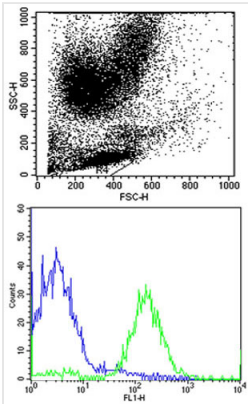
WB (Western Blot)
Western blot analysis of HLA-B Antibody (N-term) in A2058 cell line lysates (35ug/lane). HLA-B (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of lysates from HL-60, Jurkat, Ramos cell line (from left to right), using HLA-B Antibody (N-term). AAA28743 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



WB (Western Blot)
Western blot analysis of lysates from CEM, HL-60, Jurkat, Ramos cell line (from left to right), using HLA-B Antibody (N-term). AAA28743 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



FCM (Flow Cytometry)
Flow cytometric analysis of human peripheral blood lymphocytes cells using HLA-B Antibody (N-term) (green) compared to an isotype control of rabbit IgG (blue). AAA28743 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.

ADDITIONAL INFORMATION

Related Product Information for anti-HLA-B antibody

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

Product Categories/Family for anti-HLA-B antibody	Crown Antibodies; Immunology
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	34305677
NCBI GeneID	34305677
UniProt Accession #	P03989; O19692; P10317; P10318; P19373; P30467; Q08136; Q29693; Q29846; Q29961
Molecular Weight	40428
NCBI Official Full Name	HLA class I histocompatibility antigen, B-27 alpha chain
UniProt Protein Name	HLA class I histocompatibility antigen, B-27 alpha chain
UniProt Gene Name	HLA-B
UniProt Synonym Gene Names	HLAB
UniProt Entry Name	1B27_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/polyclonal/hla-b-antibody-western-blot-immunohistochemistry-flow-cytometry-elisa/28743>