

Anti-HLA-B Antibody (N-term)

Catalog Number: A00194-1

About HLA-B

Involved in the presentation of foreign antigens to the immune system.

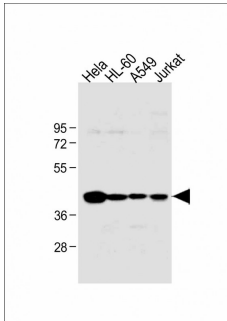
Overview

Product Name	Anti-HLA-B Antibody (N-term)
Reactive Species	Human
Description	Boster Bio Anti-HLA-B Antibody (N-term) (Catalog # A00194-1). Tested in IHC-P, WB application(s). This antibody reacts with Human.
Application	IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	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.
Host	Rabbit
Uniprot ID	P30464

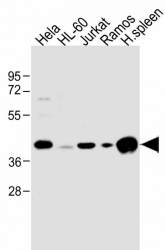
Technical Details

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.
Predicted Reactive Species	Monkey
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:1000 IHC-P: 1:25

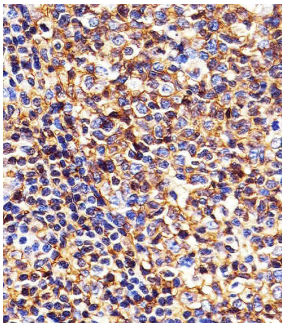
Anti-HLA-B Antibody (N-term) (A00194-1) Images



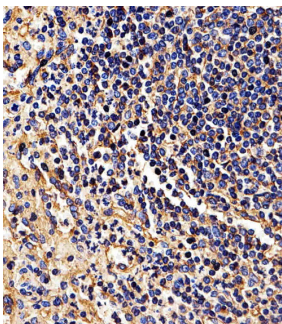
All lanes : Anti-HLA-B Antibody (N-term) at 1:1000 dilution
Lane 1: HeLa whole cell lysate
Lane 2: HL-60 whole cell lysate
Lane 3: A549 whole cell lysate
Lane 4: Jurkat whole cell lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.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



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% NFDN/TBST.

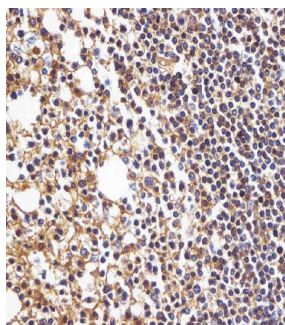
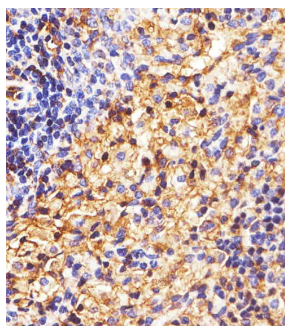


Immunohistochemical analysis of paraffin-embedded H. tonsil section using HLA-B Antibody (N-term). A00194-1 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Immunohistochemical analysis of paraffin-embedded H. spleen section using HLA-B Antibody (N-term). A00194-1 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

Immunohistochemical analysis of paraffin-embedded R. spleen section using HLA-B Antibody (N-term). A00194-1 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



A00194-1 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 (pH6). 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.

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