

Product Datasheet

HLA B7 Antibody (BB7.1) - BSA Free NB100-64159

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-64159

HLA B7 Antibody (BB7.1) - BSA Free

Product Information

Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	BB7.1
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS

Product Description

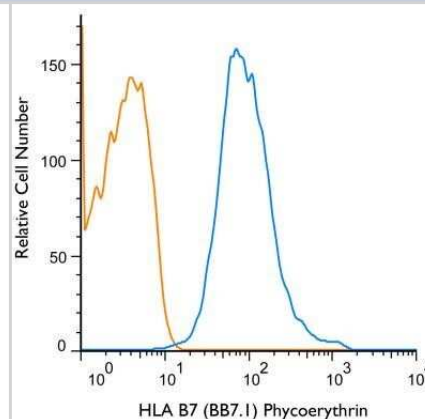
Host	Mouse
Gene ID	3106
Gene Symbol	HLA-B
Species	Human
Reactivity Notes	Predicted cross-reactivities: Cynomolgus monkey
Specificity/Sensitivity	Recognizes the HLA-B7 antigen and does not cross-react with HLA-B27 or other related antigens. It can be used to distinguish true HLA-B27 positives from false HLA-B27 positives (i.e. HLA-B7 positive) in the investigation of diseases such as ankylosing spondylitis and anterior uveitis.
Immunogen	Papain solubilized HLA-B7 antigen

Product Application Details

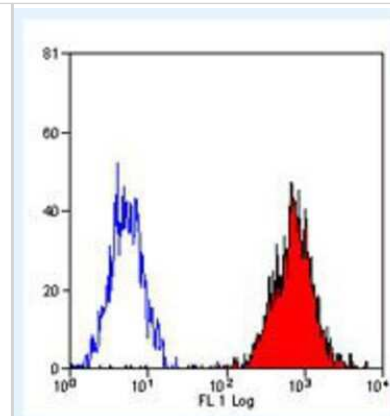
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry
Application Notes	Has been used successfully in immunohistochemistry on paraffin sections reported by a customer review.

Images

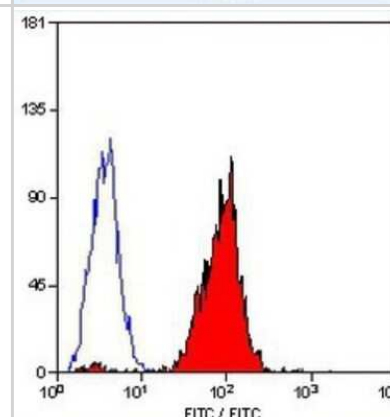
Flow Cytometry: HLA B7 Antibody (BB7.1) [NB100-64159] - Using the PE direct conjugate A surface stain was performed on human peripheral blood lymphocytes with HLA B7 (BB7.1) antibody NB100-64159PE (blue) and a matched isotype control NBP2-27287PE (orange). Cells were incubated in an antibody dilution of 1 ug/mL for 20 minutes at room temperature. Both antibodies were conjugated to phycoerythrin.



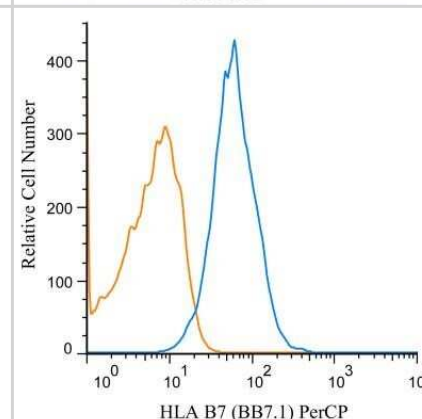
Flow Cytometry: HLA B7 Antibody (BB7.1) [NB100-64159] - Staining of human peripheral blood lymphocytes from an HLA-B7 positive donor with mouse anti human HLA-B7



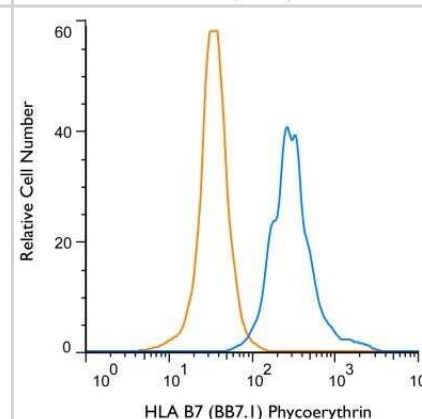
Flow Cytometry: HLA B7 Antibody (BB7.1) [NB100-64159] - Analysis using the FITC conjugate of NB100-64159. Staining of human peripheral blood lymphocytes.



Flow Cytometry: HLA B7 Antibody (BB7.1) [NB100-64159] - A surface stain was performed on human peripheral blood lymphocytes with HLA B7 (BB7.1) antibody NB100-64159PCP (blue) and a matched isotype control NBP2-27287PCP (orange). Cells were incubated in an antibody dilution of 2.5 ug/mL for 20 minutes at room temperature.



Flow Cytometry: HLA B7 Antibody (BB7.1) [NB100-64159] - Using the PE direct conjugate A surface stain was performed on human peripheral blood monocytes with HLA B7 (BB7.1) antibody NB100-64159PE (blue) and a matched isotype control NBP2-27287PE (orange). Cells were incubated in an antibody dilution of 1 ug/mL for 20 minutes at room temperature. Both antibodies were conjugated to phycoerythrin.



Publications

Lulu AM, Cummings KL, Jeffery ED et al. Characteristics of Immune Memory and Effector Activity to Cancer-Expressed MHC Class I Phosphopeptides Differ in Healthy Donors and Ovarian Cancer Patients Cancer Immunology Research 2021-11-01 [PMID: 34413086] (Flow Cytometry)



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Products Related to NB100-64159

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB100-64159PE	HLA B7 Antibody (BB7.1) [PE]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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