

Product Datasheet

HLA B7 Antibody (BB7.1) [PE] NB100-64159PE

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB100-64159PE

HLA B7 Antibody (BB7.1) [PE]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	BB7.1
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	PE
Purity	Protein A purified
Buffer	PBS

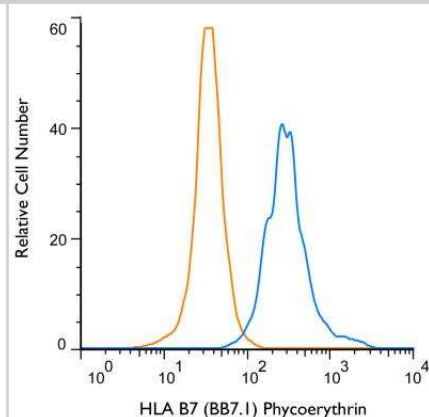
Product Description	
Description	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Host	Mouse
Gene ID	3106
Gene Symbol	HLA-B
Species	Human
Reactivity Notes	Reacts with Human. Cross reacts with 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, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin

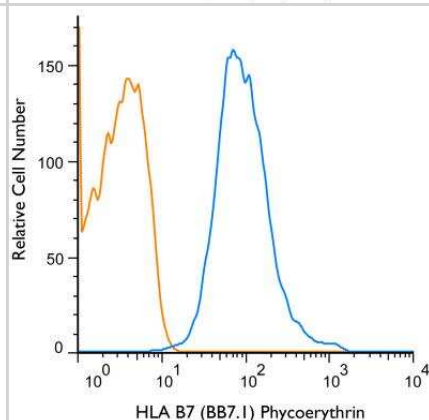


Images

Flow Cytometry: HLA B7 Antibody (BB7.1) [PE] [NB100-64159PE] - 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.



Flow Cytometry: HLA B7 Antibody (BB7.1) [PE] [NB100-64159PE] - 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.



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 NB100-64159PE

NBP1-97005PE	Mouse IgG1 Isotype Control (MG1) [PE]
NB100-64159PCP	HLA B7 Antibody (BB7.1) [PerCP]
210-TA-005	TNF-alpha [Unconjugated]
NB120-6405	MHC Class I Antibody (OX18) - BSA Free

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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