

Product Datasheet

Anti-HLA-B7 Purified (orb154379)

Description	Mouse monoclonal antibody to HLA-B7 which is allele of human HLA class I major histocompatibility (MHC) antigen that indicates higher risk of breast cancer and cervical cancer. The HLA-B7 antigen (11 alleles) is expressed in 22% of healthy Caucasian individuals. In HLA-B7 , B7 is a risk factor for cervical cancer, sarcoidosis, and early-onset spondylarthropathies.
Reactivity	Human, Primate
Conjugation	Unconjugated
Tested Applications	FC
Immunogen	Papain solubilised HLA-A2, B7
Target	HLA-B7
Preservatives	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Concentration	1 mg/ml
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.
Note	For research use only
Application notes	Flow cytometry: Recommended dilution: 1-4 µg/ml.
Isotype	Mouse IgG1
Clonality	Monoclonal
Clone Number	BB7.1
Antibody Type	Primary Antibody
Purity	Purified by protein-A affinity chromatography.

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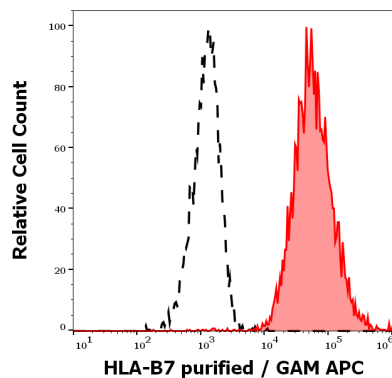
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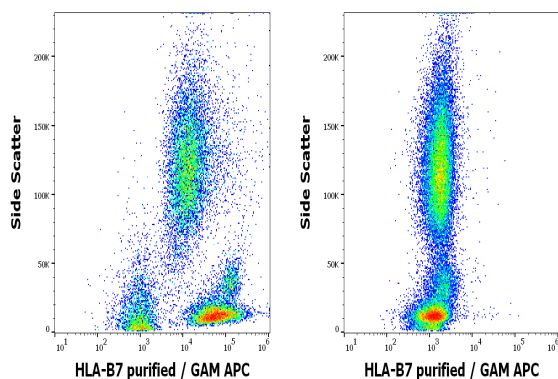
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Expiration Date

12 months from date of receipt.



Separation of human lymphocytes of HLA-B7 positive blood donor (red-filled) from human lymphocytes of HLA-B7 negative blood donor (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood samples stained using anti-HLA-B7 (BB7.1) purified antibody (concentration in sample 2 $\mu\text{g/ml}$, GAM APC).



Flow cytometry surface staining patterns of human peripheral whole blood of HLA-B7 positive (left) and negative (right) blood donors stained using anti-HLA-B7 (BB7.1) purified antibody (concentration in sample 2 $\mu\text{g/ml}$, GAM APC).

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