

Mouse HLA-B7 Monoclonal Antibody | anti-HLA-B7 antibody

Anti-HLA-B7 PE

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128433	Mouse	Non-human primates, Human	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

HLA-B7; Monoclonal Antibody; Anti-HLA-B7 PE; anti-HLA-B7 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Non-human primates, Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	BB7.1
Specificity	The mouse monoclonal antibody BB7.1 recognizes an extracellular antigen of HLA-B7 antigen. Although highly specific, it can cross-react with HLA-B42 antigen.
Purity/Purification	The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Applicable Applications for anti-HLA-B7 antibody	FCM/FACS (Flow Cytometry)
Immunogen	Papain solubilised HLA-A2, B7
Conjugation	PE
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.

ADDITIONAL INFORMATION

Related Product Information for anti-HLA-B7 antibody	HLA-B7 allele of human HLA class I major histocompatibility (MHC) antigen indicates higher risk of breast cancer and cervical cancer. Expression of HLA-B7 together with HLA-B27 is associated with increased susceptibility to spondyloarthropathies. Flow cytometry detection of these two alleles is being used to screen for patients, who suffer from inflammatory disorders affecting the sacroiliac and intervertebral joints, such as ankylosing spondylosis (AS). The HLA-B7 antigen (11 alleles) is expressed in 22% of healthy Caucasian individuals.
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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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