

## Anti-Hu CD85j Purified LILRB1 Monoclonal Antibody

Catalog Number: M03208

### About LILRB1

CD85j, also known as ILT-2 (Ig-like transcript 2), LIR-1 (leukocyte Ig-like receptor 1), or LILRB1 (leukocyte Ig-like receptor B1), is a member of Ig superfamily transmembrane glycoproteins named CD85. The CD85j protein is expressed on several types of immune cells (plasma cells, B cells, monocytes, T and NK cell subsets) where it binds to MHC class I molecules on antigen-presenting cells and transduces a negative signal that inhibits stimulation of an immune response. It is thought to control inflammatory responses and cytotoxicity to help focus the immune response and limit autoreactivity.

### Overview

Product Name	Anti-Hu CD85j Purified LILRB1 Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Hu CD85j Purified LILRB1 Monoclonal Antibody (Catalog# M03208). Tested in Flow Cytometry, IP, WB application(s). This antibody reacts with Human.
Application	Flow Cytometry, IP, WB
Clonality	Monoclonal GHI/75
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	Q8NHL6

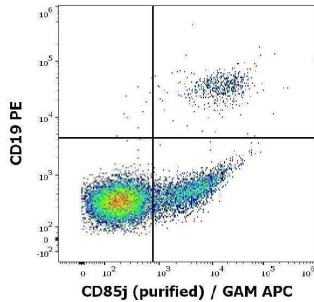
### Technical Details

Immunogen	Hairy cell leukaemia cells. The mouse monoclonal antibody GHI/75 recognizes an extracellular epitope of CD85j / ILT2, an 110-120 kDa membrane glycoprotein expressed strongly on plasma cells, moderately on circulating B cells, and weakly on monocytes. It is also expressed on T cell and NK cell subsets (variable, individual).
Predicted Reactive Species	Primate
Cross Reactivity	This antibody does not cross-react with Thy-1.1 alloantigen.
Isotype	Mouse IgG2b kappa
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by protein-A affinity chromatography.

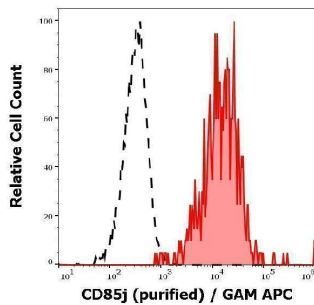
Suggested Dilutions

Flow cytometry: 1-4 ug/ml.

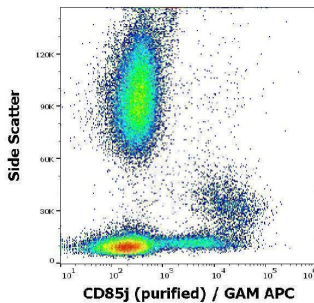
## Anti-Hu CD85j Purified LILRB1 Monoclonal Antibody (M03208) Images



Flow cytometry multicolor surface staining of human lymphocytes stained using anti-human CD85j (GHI/75) purified antibody (concentration in sample 1 µg/ml) GAM APC and anti-human CD19 (LT19) PE antibody (20 µl reagent / 100 µl of peripheral whole blood).



Separation of human CD85j positive B cells (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD85j(GHI/75) purified antibody (concentration in sample 1 µg/ml) GAM APC.



Flow cytometry surface staining pattern of human peripheral blood stained using anti-human CD85j(GHI/75) purified antibody (concentration in sample 1 µg/ml) GAM APC.

### Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Hu CD85j Purified LILRB1 Monoclonal Antibody

For Research Use Only. Not for use in diagnostic procedures.