

Product Datasheet

CD85j Antibody (orb154415)

Catalog Number	orb154415
Category	Antibodies
Description	Mouse monoclonal antibody to CD85j which is a member of the leukocyte immunoglobulin-like receptor (LIR) family, also known as ILT2, LILRB1, and LIR1. CD85j expressed predominantly on myeloid lineage cells. CD85j is a single transmembrane glycoprotein with a long cytoplasmic domain containing 4 ITIMs which signal through interactions with SHP-1.
Target	CD85j
Clonality	Monoclonal
Isotype	Mouse IgG2b kappa
Conjugation	Unconjugated
Reactivity	Human
Concentration	1 mg/ml
Buffer/Preservatives	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Purification	Purified by protein-A affinity chromatography.
Immunogen	Hairy cell leukaemia cells
UniProt ID	Q8NHL6
Tested applications	FC, IP, WB
Application notes	Flow cytometry: Recommended dilution: 1-4 µg/ml.

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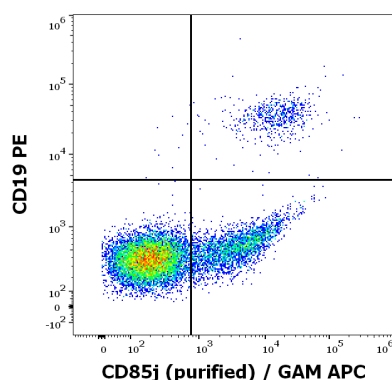
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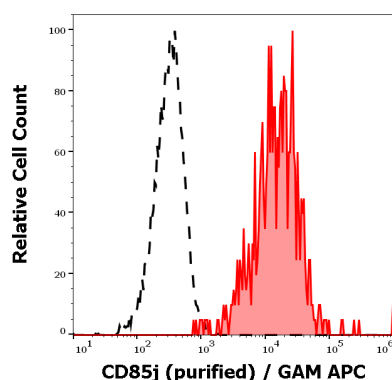
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Specificity	The mouse monoclonal antibody GHI/75 recognizes an extracellular epitope of CD85j / ILT2, an 110-120 kDa membrane glycoprotein expressed strongly on plasma cells, moderately on circulating B cells, and weakly on monocytes. It is also expressed on T cell and NK cell subsets (variable, individual).
Antibody Type	Primary Antibody
Clone Number	GHI/75
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
Entrez	10859
Expiration Date	12 months from date of receipt.



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.

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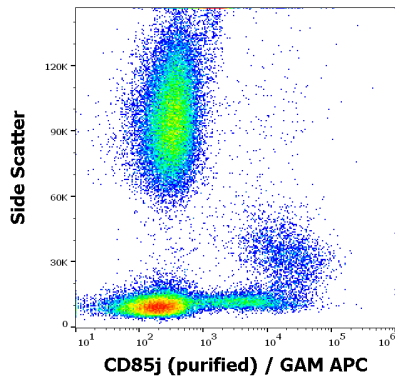
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Flow cytometry surface staining pattern of human peripheral blood stained using anti-human CD85j(GHI/75) purified antibody (concentration in sample 1 µg/ml) GAM APC.

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