

Anti-human CD123 Antibody (1D147)

Product Details

Ig Type:	Mouse IgG1, k
Reactivity:	Human
Molecular Weight:	Theoretical: 40 kDa. Actual: 70 kDa.
Clone:	1D147
Purification:	Protein G purified

Applications

Verified Activity:	scatter diagram showing peripheral blood lymphocytes stained with CD123. The cells were incubated with the antibody (TMAB-07385) for 30 min at 22°C. The secondary antibody used for 40 min at room temperature. Acquisition of >10,000 events was performed.
Application:	FCM
Recommended	FCM: 1:50-100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Gene ID:	3563
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Research Background

The protein encoded by this gene is an interleukin 3 specific subunit of a heterodimeric cytokine receptor. The receptor is comprised of a ligand specific alpha subunit and a signal transducing beta subunit shared by the receptors for interleukin 3 (IL3), colony stimulating factor 2 (CSF2/GM-CSF), and interleukin 5 (IL5). The binding of this protein to IL3 depends on the beta subunit. The beta subunit is activated by the ligand binding, and is required for the biological activities of IL3. This gene and the gene encoding the colony stimulating factor 2 receptor alpha chain (CSF2RA) form a cytokine receptor gene cluster in a X-Y pseudoautosomal region on chromosomes X or Y. Alternatively spliced transcript variants encoding distinct isoforms have been found. [provided by RefSeq, Jun 2012]

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