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30-2726: Anti-Hu NKp80 Purified (Clone: 5D12)

Clonality :	Monoclonal
Clone Name :	5D12
Application :	FACS
Reactivity :	Human
Gene :	KLRF1
Gene ID :	51348
Uniprot ID :	Q9NZS2
Format :	Purified
Alternative Name :	killer cell lectin like receptor F1 KLRF1, CLEC5C
Immunogen Information :	recombinant human NKp80 extracellular domain

Description

NKp80, also known as CLEC5C or KLRF1, is a type II transmembrane glycoprotein of the C lectin family, which is expressed in 80 kDa homodimers on NK cells, and subsets of CD8+ alpha/beta T cells, and gamma/delta T cells. It belongs to the activating coreceptors, which induce cytotoxicity, and production of pro-inflammatory cytokines. Its ligand AICL is expressed on myeloid cells.
Specificity :The mouse monoclonal antibody 5D12 recognizes an extracellular epitope of human NKp80 (CLEC5C), a C-type lectin family member, expressed on NK cells and subsets of T cells.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography.
Content :	Concentration: 1 mg/ml Storage Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow cytometry: Recommended dilution: 1-4 µg/ml.

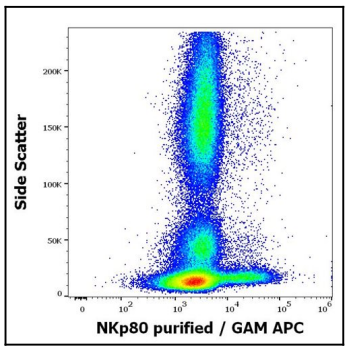


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human NKp80 (5D12) purified antibody (concentration in sample 1,7 µg/ml, GAM APC).

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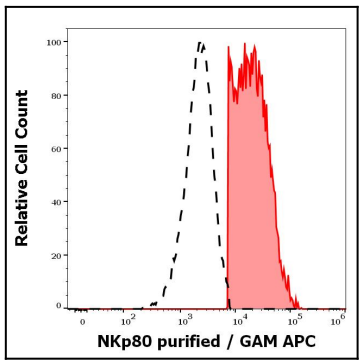


Figure 2: Separation of human NKp80 positive cells (red-filled) from human NKp80 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of peripheral whole blood stained using anti-human NKp80 (5D12) purified antibody (concentration in sample 1,7 µg/ml, GAM APC).

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