9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

30-2726AC: APC Conjugated Anti-Hu NKp80 (Clone: 5D12)

Clonality :	Monoclonal
Clone Name :	5D12
Application :	FACS
Reactivity :	Monkey,Human
Conjugate :	APC
Gene :	KLRF1
Gene ID :	51348
Uniprot ID :	Q9NZS2
Alternative Name :	killer cell lectin like receptor F1 KLRF1, CLEC5C
Isotype :	Mouse IgG1 kappa
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 :	100 Tests
Purification :	Purified antibody is conjugated with activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Content :	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze. Protect from prolonged exposure to light.

Application Note

Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 106 cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.

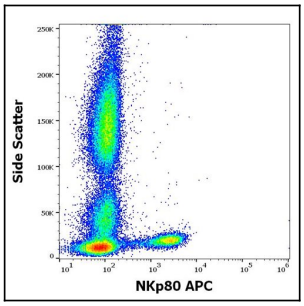

Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human NKp80 (5D12) APC antibody (10 µl reagent / 100 µl of peripheral whole blood).

9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

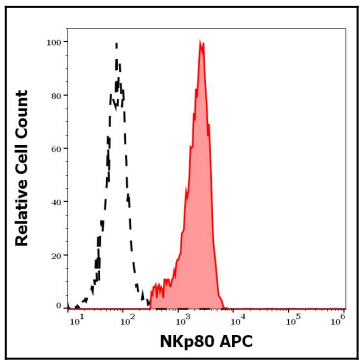

Figure 2: Separation of human NKp80 positive lymphocytes (red-filled) from NKp80 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human NKp80 (5D12) APC antibody (10 µl reagent / 100 µl of peripheral whole blood).