

Datasheet for ABIN7540462

anti-KLRF1 antibody (Extracellular Domain) (APC)[Go to Product page](#)

Overview

Quantity:	100 tests
Target:	KLRF1
Binding Specificity:	Extracellular Domain
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KLRF1 antibody is conjugated to APC
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Hu NKp80 APC
Immunogen:	recombinant human NKp80 extracellular domain
Clone:	5D12
Isotype:	IgG1 kappa
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.
No Cross-Reactivity:	Mouse, Rat
Purification:	Purified antibody is conjugated with activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Target Details

Target:	KLRF1
Alternative Name:	NKp80 (KLRF1 Products)
Background:	<p>NCBI Full Gene Name: killer cell lectin like receptor F1</p> <p>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.</p> <p>Other names: KLRF1, CLEC5C</p> <p>Gene name: KLRF1</p>
Gene ID:	51348
UniProt:	Q9NZS2

Application Details

Application Notes:	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µL reagent / 100 µL of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.