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

30-2784AC: APC Conjugated Anti-Hu CD370 Antibody (Clone:8F9)

Clonality :	Monoclonal
Clone Name :	8F9
Application :	FACS
Reactivity :	Human
Conjugate :	APC
Gene :	CLEC9A
Gene ID :	283420
Uniprot ID :	Q6UXN8
Alternative Name :	C-type lectin domain containing 9A CLEC9A, DNGR1, DNGR-1, UNQ9341
Immunogen Information :	RBL-2H3 cells expressing human CLEC9A fused to an HA epitope

Description

CD370 / CLEC9A, also known as DNGR1, is a type II transmembrane glycoprotein with extracellular C-type lectin domain and intracellular ITAM-containing domain. Its expression is restricted to BDCA3+ conventional dendritic cells and to a subset of CD14+ CD16- monocytes. CD370 serves as a receptor for ubiquitous preformed acid-labile protein associated ligands that are exposed when the cell membrane is damaged, such as on necrotic cells. Its triggering by these ligands mediates recruitment and activation of the tyrosine kinase Syk and leads to their cross-presentation to the immune system.
Specificity :The mouse monoclonal antibody 8F9 recognizes an extracellular epitope of CD370 / CLEC9A (DNGR1), a type II transmembrane protein functioning as an endocytic receptor on BDCA31+ dendritic cells and on a subset of CD14+ CD16- monocytes.

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 :	Storage Buffer: Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Application Note

Flow cytometry: The reagent is designed for analysis of human blood cells using 10 Âµl reagent / 100 Âµl of whole blood or 10^6 cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.