

## ARG42357 anti-CLEC9A antibody [8F9] (PE)

Package: 50 tests  
Store at: 4°C

### Summary

Product Description	PE-conjugated Mouse Monoclonal antibody [8F9] recognizes CLEC9A
Tested Reactivity	Hu
Tested Application	FACS
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.
Host	Mouse
Clonality	Monoclonal
Clone	8F9
Isotype	IgG2a
Target Name	CLEC9A
Species	Human
Immunogen	RBL-2H3 cells expressing Human CLEC9A fused to an HA epitope.
Conjugation	PE
Alternate Names	UNQ9341; C-type lectin domain family 9 member A; CD370; DNGR-1; DNGR1

### Application Instructions

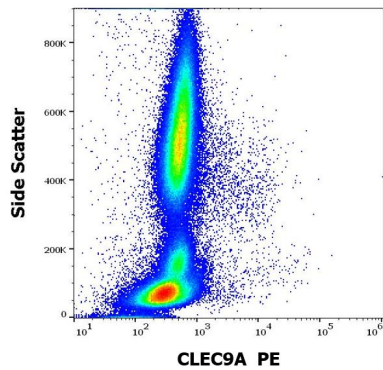
Application table	Application	Dilution
	FACS	10 µl / 100 µl of whole blood or 10 <sup>6</sup> cells
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified
Buffer	PBS and 15 mM Sodium azide.
Preservative	15 mM Sodium azide
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

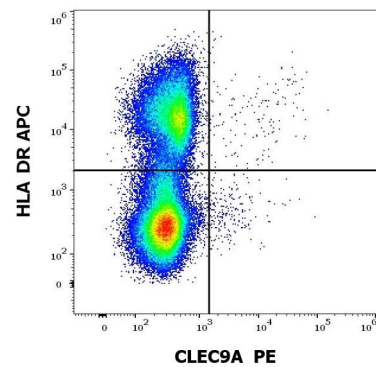
Gene Symbol	CLEC9A
Gene Full Name	C-type lectin domain family 9, member A
Background	CLEC9A is a group V C-type lectin-like receptor (CTLR) that functions as an activation receptor and is expressed on myeloid lineage cells (Huysamen et al., 2008 [PubMed 18408006]).[supplied by OMIM, Aug 2008]
Function	Functions as an endocytic receptor on a small subset of myeloid cells specialized for the uptake and processing of material from dead cells. Recognizes filamentous form of actin in association with particular actin-binding domains of cytoskeletal proteins, including spectrin, exposed when cell membranes are damaged, and mediate the cross-presentation of dead-cell associated antigens in a Syk-dependent manner. [UniProt]
Calculated Mw	27 kDa
PTM	N-glycosylated. [UniProt]
Cellular Localization	Membrane; Single-pass type II membrane protein. [UniProt]

Images



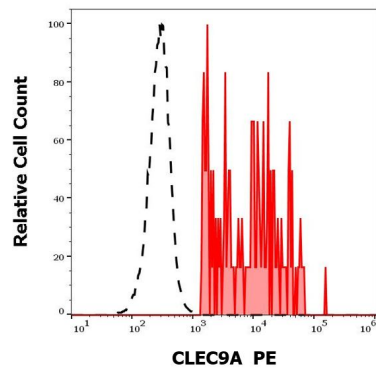
ARG42357 anti-CLEC9A antibody [8F9] (PE) FACS image

Flow Cytometry: Human peripheral whole blood stained with ARG42357 anti-CLEC9A antibody [8F9] (PE) at 10 µl / 100 µl of peripheral whole blood.



ARG42357 anti-CLEC9A antibody [8F9] (PE) FACS image

Flow Cytometry: Human peripheral blood mononuclear cells stained with ARG42357 anti-CLEC9A antibody [8F9] (PE) at 10 µl / 100 µl of peripheral whole blood and [ARG53938](#) anti-HLA DR antibody [MEM-12] (APC) at 10 µl / 100 µl of peripheral whole blood.



#### ARG42357 anti-CLEC9A antibody [8F9] (PE) FACS image

Flow Cytometry: Separation of Human CD370 positive HLA-DR positive cells (red-filled) from CD370 negative HLA-DR negative cells (black-dashed). Human peripheral whole blood stained with ARG42357 anti-CLEC9A antibody [8F9] (PE) at  $10\ \mu\text{l}$  /  $100\ \mu\text{l}$  of peripheral whole blood.