

Mouse anti-Human CD370 Monoclonal Antibody | anti-CD370 antibody

Anti-CD370 PE

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128388	Mouse	Human	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD370; Monoclonal Antibody; Anti-CD370 PE; C-type lectin domain containing 9A; CLEC9A; DNGR1; DNGR-1; UNQ9341; anti-CD370 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	8F9
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.
Purity/Purification	The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Sequence Length	241
Applicable Applications for anti-CD370 antibody	FCM/FACS (Flow Cytometry)
Immunogen	RBL-2H3 cells expressing human CLEC9A fused to an HA epitope
Conjugation	PE
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.

ADDITIONAL INFORMATION

Related Product Information for anti-CD370 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	46409326
NCBI GeneID	283420
NCBI Accession #	NP_997228.1
NCBI GenBank Nucleotide #	NP_997228.1

UniProt Accession #	Q6UXN8
NCBI Official Full Name	C-type lectin domain family 9 member A
NCBI Official Synonym Full Names	C-type lectin domain containing 9A
NCBI Official Symbol	CLEC9A
NCBI Official Synonym Symbols	CD370; DNGR1; DNGR-1; UNQ9341
NCBI Protein Information	C-type lectin domain family 9 member A
UniProt Protein Name	C-type lectin domain family 9 member A
UniProt Gene Name	CLEC9A
UniProt Entry Name	CLC9A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cd370-antibody-clone-8f9-flow-cytometry-elisa/128388>