

CLEC9A

CONTACT INFORMATION:	Monoclonal Antibodies Unit. Centro Nacional de Investigaciones Oncológicas
STATUS:	Validated
TYPE:	Rat monoclonal
CLONE NAME:	LEIA256A
PROTEIN:	C-type lectin domain family 9 member A
PROTEIN WEB:	https://www.uniprot.org/uniprot/Q6UXN8
ANTIGEN USED:	RBL1-CLEC9A-MYC transfected cells
FUSION PARTNER:	NS1/Ag4-1 (NS1) cells
ISOTYPE:	IgG2b
SPECIES REACTIVITY:	human
PREPARATION AND STORAGE:	Aliquot and store at 4C. Do not freeze

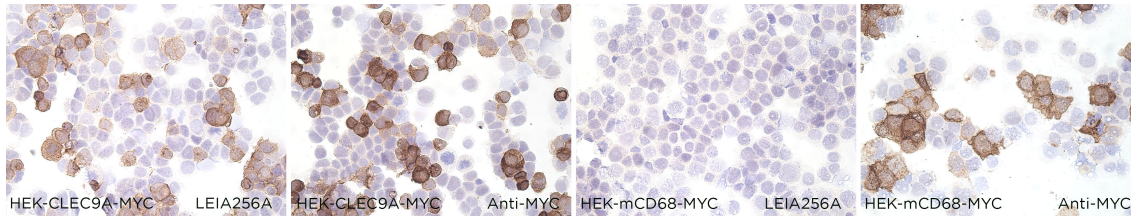
DESCRIPTION

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.

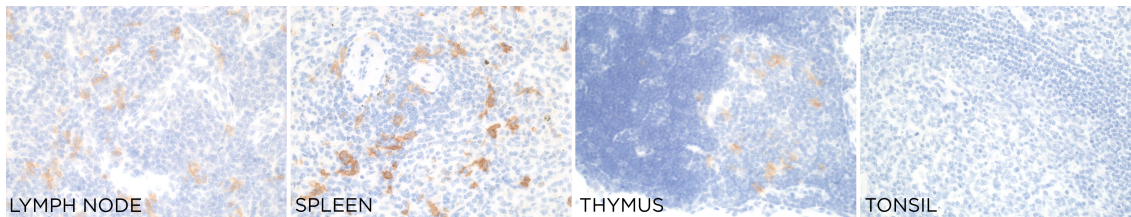
APPLICATIONS

IHC Techniques	Clone	Dilution	Antibody concentration	Antigen retrieval method	Visualization kit	Positive control	Negative control	Protein localization	Positivity in other species
Frozen tissue and cytopins									
Recommended	LEIA2 56A	Neat	supernatant						
Paraffin tissue									
Recommended	LEIA2 56A	1:10	SUPERNATANT			Spleen		membrane	

Immunofluorescence

**LEIA256A mAb is able to detect human CLEC9a protein in immunocytochemistry.**

To confirm that LEIA256B mAb recognizes CLEC9a protein, immunocytochemistry on frozen cytospin preparations of MYC-tagged human CLEC9a expressed in HEK293T was performed. Anti-MYC antibody was used as positive control. Cytospin preparation of MYC-tagged mouse CD68 protein was used as a negative control.

**LEIA256A mAb can be used to detect CLEC9a protein in human paraffin tissues.**