CLEC9A | ***Validation File***

TARGET CLEC9a
CLONE NAME LEIA256A
DESCRIPTION rat monoclonal
ANTIGEN USED RBL1-CLEC9A-MYC transfected cells
ISOTYPE IgG2b
SPECIES REACTIVITY Human
LOCALIZATION cellular membrane
POSITIVE CONTROL Lymph node, spleen.
STORAGE BUFFER Tissue culture supernatant: 0.02% sodium azide
Purified antibody: PBS plus 1%BSA and 0.02% sodium azide. MAb concentration: 1mg/ml

STORAGE Aliquot and store at 4C. Do not freeze

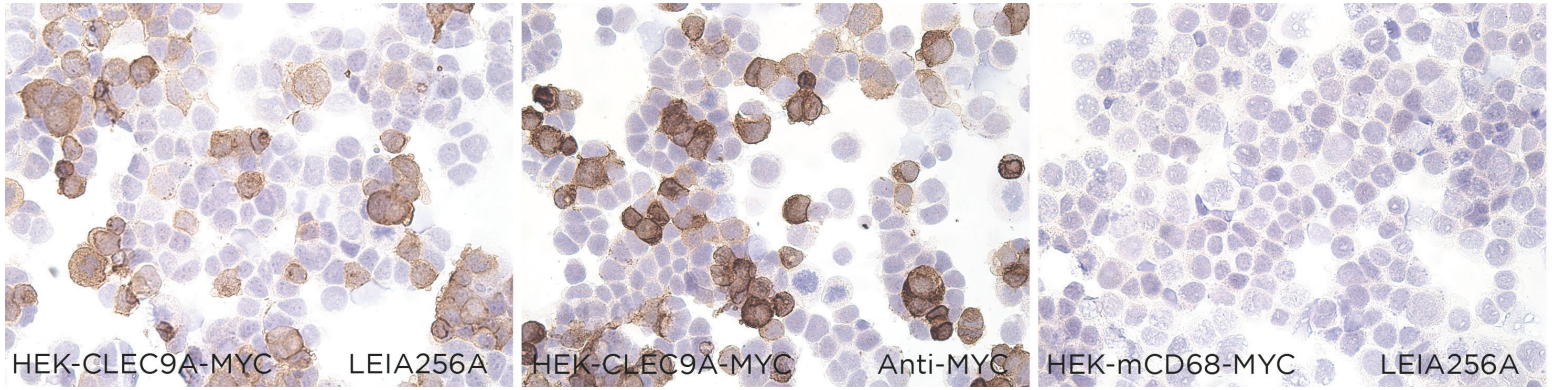
Recommended Inconclusive Not Recommended Not Tested

APPLICATIONS

| ICC | ***Immunocytochemistry***

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.



| WB | ***Western Blotting***

LEIA256A mAb is able to detect human CLEC9a protein western blotting technique.

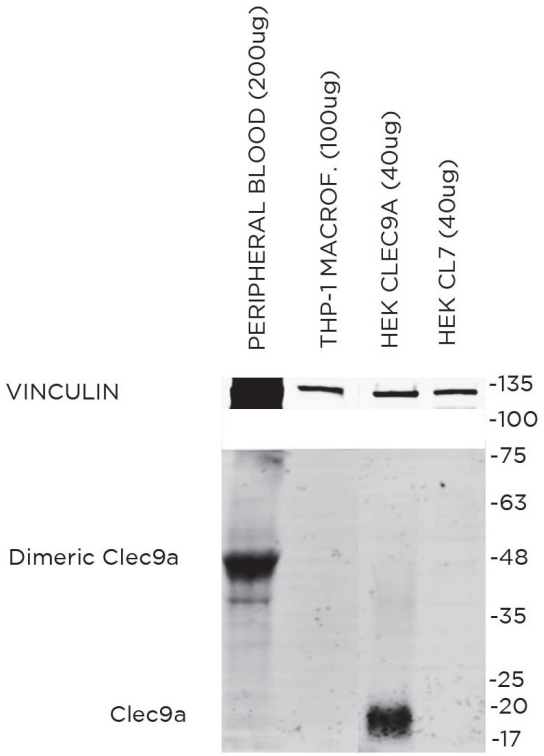
DILUTION Neat supernatant

Predicted molecular weight: 28kDa
Observed molecular weight: 28kDa

LANES

Lane 1 Peripheral blood	(200ug) (+)
Lane 2 THP-1 macrophage cell line	(100ug) (-)
Lane 3 HEK-CLEC9A transfected cells	(40ug) (+)
Lane 4 HEK-CL7 transfected cells	(40ug) (-)

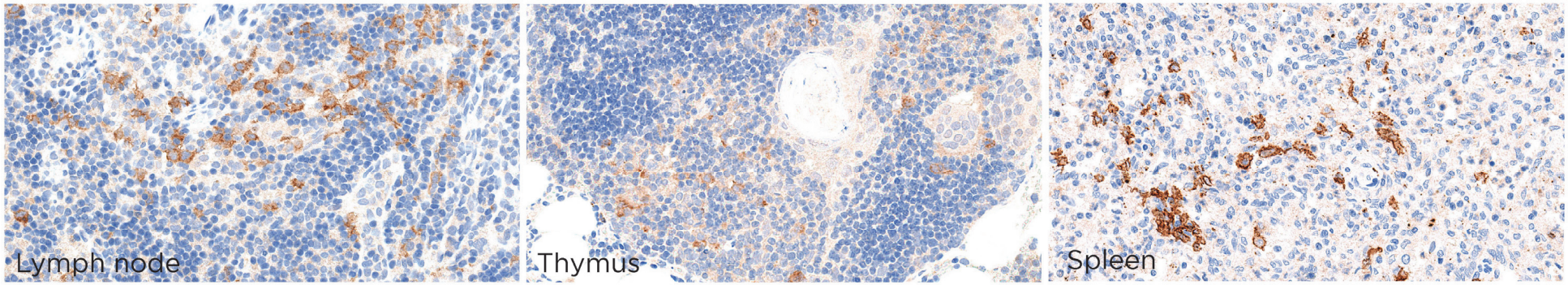
Vinculin was used as loading control



| IHC-P | ***Immunohistochemistry (paraffin)***

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

TISSUE SAMPLE human lymph node, thymus and spleen
DILUTION 1:10 (supernatant) 1:800 (purified antibody)
ANT. RETRIEVAL 20 minutes ER2 (Tris-EDTA)
DETECTION SYSTEM Novolink kit (BondMax Leica)



| IF | ***Immunofluorescence (paraffin)*** Not tested

| FC | ***Flow Cytometry*** Not Tested

| IP | ***Immunoprecipitation*** Not Tested