A-B-C MYB | Validation File

TARGET A-B-C MYB
CLONE NAME DANI51B
DESCRIPTION Rat monoclonal
ANTIGEN USED GST-alphaMYB (1-473aa) protein
ISOTYPE IgG2a
CROOSREACTIVITY cross-reacts with B-MYB and C-MYB family members
SPECIES REACTIVITY human
LOCALIZATION nuclear
POSITIVE CONTROL tonsil
STORAGE BUFFER Tissue culture supernatant: 0.02% sodium azide
STORAGE Aliquot and store at 4C. Do not freeze

Recommended Inconclusive Not Recommended Not Tested

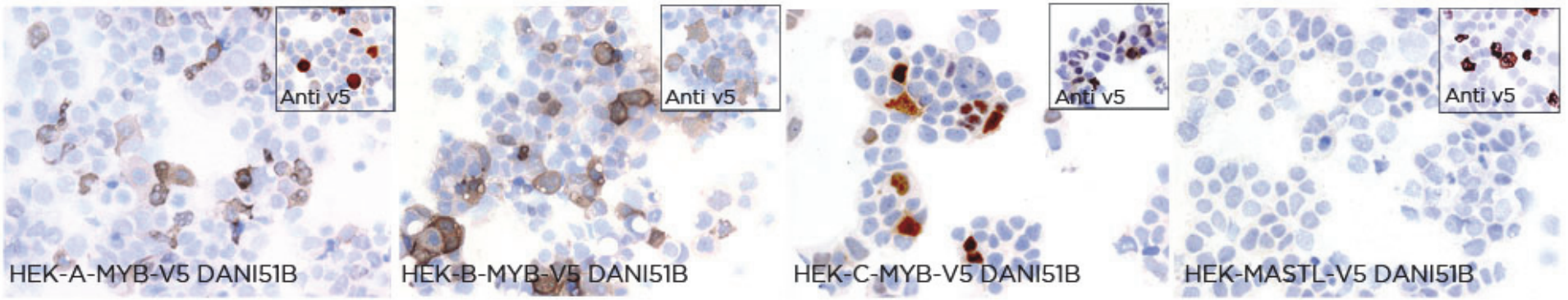
APPLICATIONS

| ICC | ***Immunocytochemistry***

DANI51B is able to detect human A-B-C MYB protein in immunocytochemistry

DILUTION No dilution (neat supernatant)

To confirm that DANI51B mAb recognized human A-B-C MYB protein, immunohistochemistry on frozen cytospins preparations of V5-tagged A-MYB, B-MYB and C-MYB expressed in HEK293T cell line was performed. HEK293T-V5-MASTL was used as negative control.



| WB | ***Western Blotting***

DANI51B mAb is able to detect human A-B-C MYB protein by WB.

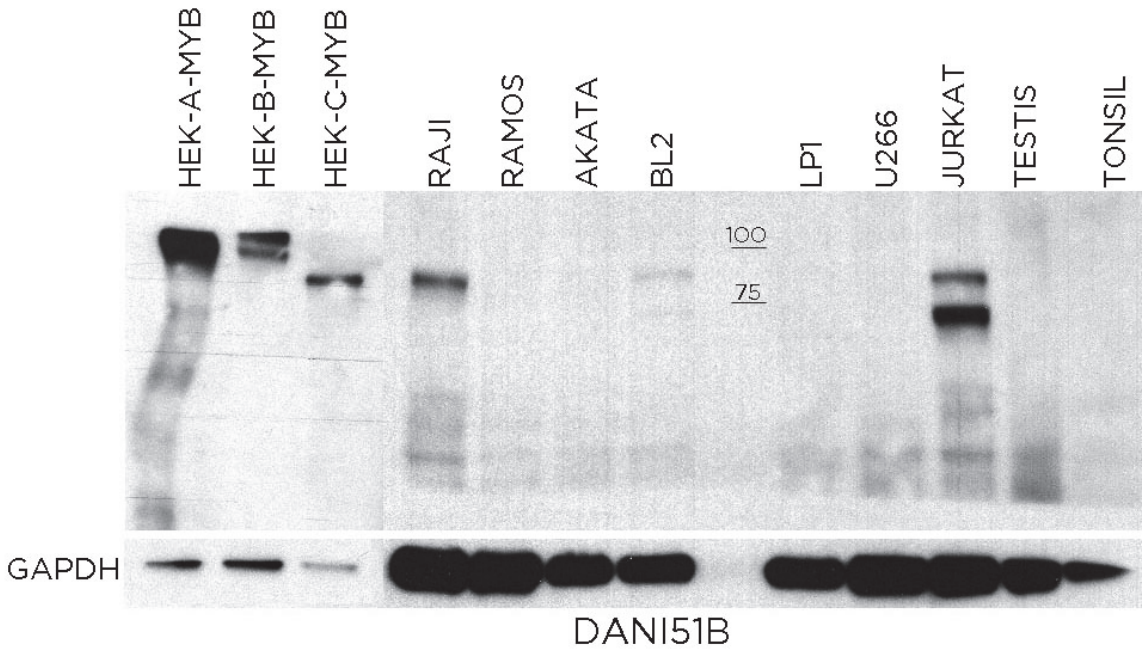
DILUTION neat supernatant

Predicted molecular weight

A-MYB	***85kDa***
B-MYB	***79kDa***
C-MYB	***72kDa***

LANES

Lane 1 HEK 293T-V5-A-MYB	(10ug) (+)
Lane 2 HEK 293T-B-MYB	(10ug) (+)
Lane 3 HEK 293T-C-MYB	(10ug) (+)
Lane 4 Raji cell line	(100ug) (+)
Lane 5 Ramos cell line	(100ug) (-)
Lane 6 Akata cell line	(100ug) (-)
Lane 7 BL2 cell line	(100ug) (+)
Lane 8 LP1 cell line	(100ug) (-)
Lane 9 U266 cell line	(100ug) (-)
Lane 10 Jurkat cell line	(100ug) (+)
Lane 11 Human testis	(100ug) (-)
Lane 12 Human tonsil	(100ug) (-)

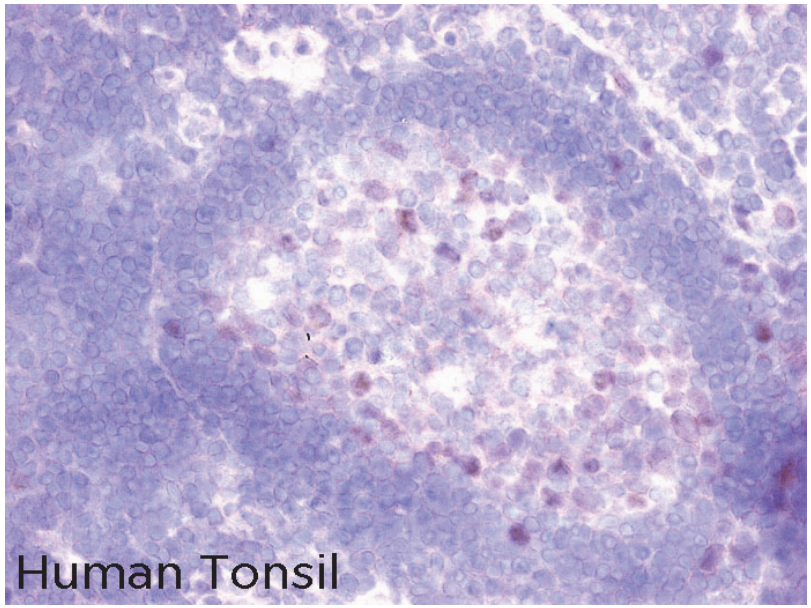


DANI51B

| IHC-F | ***Immunohistochemistry (frozen)***

DANI51B mAb can be used to detect A-B-C MYB protein in human frozen tissues.

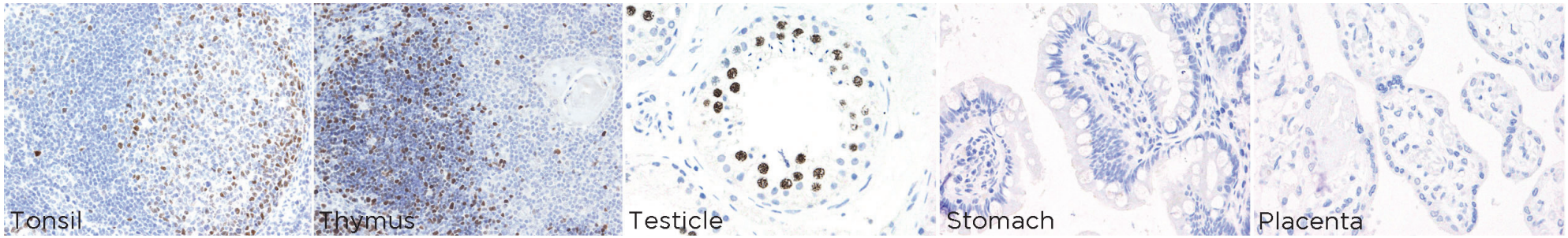
TISSUE SAMPLE human tonsil
DILUTION neat supernatant



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

DANI51B mAb can be used to detect A-B-C MYB protein in human paraffin tissues

TISSUE SAMPLE human tonsil, thymus, testicle, stomach and placenta
DILUTION 1:2 supernatant
ANT. RETRIEVAL 20 minutes ER2 (Tris-EDTA)
Ab INCUBATION 30 minutes
DETECTION SYSTEM Novolink kit (BondMax Leica)



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

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

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