BCL6 | ***Validation File***

TARGET BCL6
CLONE NAME ST42B
DESCRIPTION mouse monoclonal
ANTIGEN USED GST-BCL6 (full-length protein sequence)
ISOTYPE IgG1
SPECIES REACTIVITY human and mouse
LOCALIZATION nuclear
POSITIVE CONTROL tonsil
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

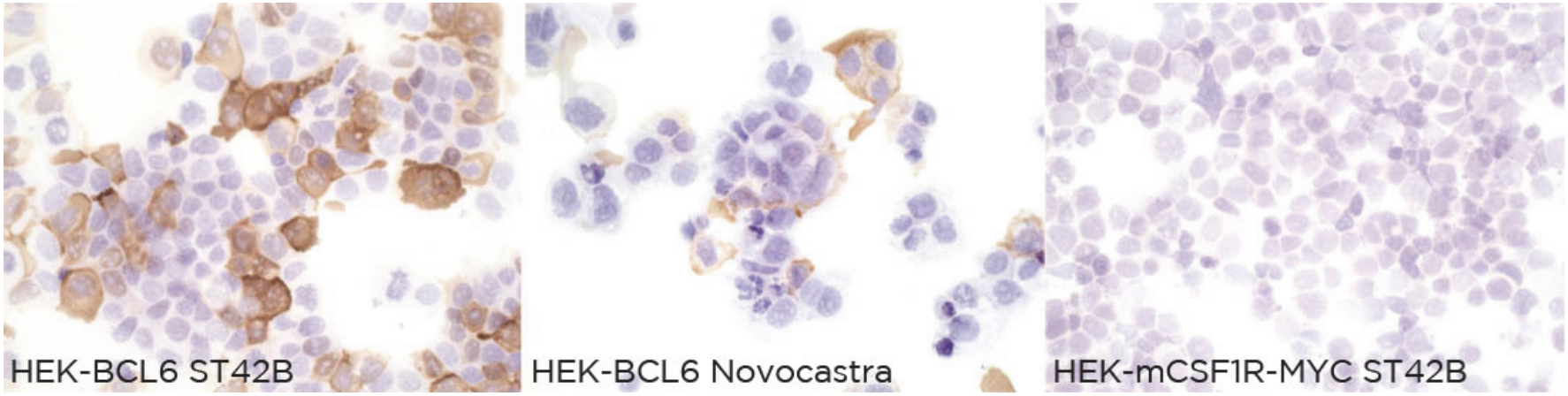
Recommended Inconclusive Not Recommended Not Tested

APPLICATIONS

| ICC | ***Immunocytochemistry***

ST42B mAb is able to detect human BCL6 protein in immunocytochemistry.

To confirm that ST42B mAb recognizes human BCL6 protein, immunocytochemistry on frozen cytospin preparations of human BCL6 expressed in HEK293 was performed. Novocastra anti-BCL6 antibody was used as positive control. Cytospin preparation of MYC tagged mouse CSF1R protein was used as a negative control.



| WB | ***Western Blotting***

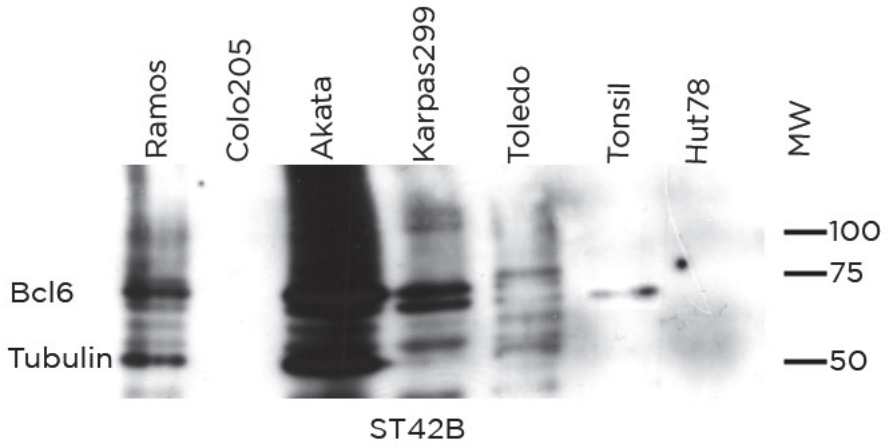
ST42B mAb ***is not recommended*** for the detection BCL6 protein by WB. Further validation experiments have to be done to confirm antibody specificity in this application.

DILUTION 1:20 (supernatant)

Predicted molecular weight: ***95kDa***
Observed molecular weight: ***70kDa***

LANES

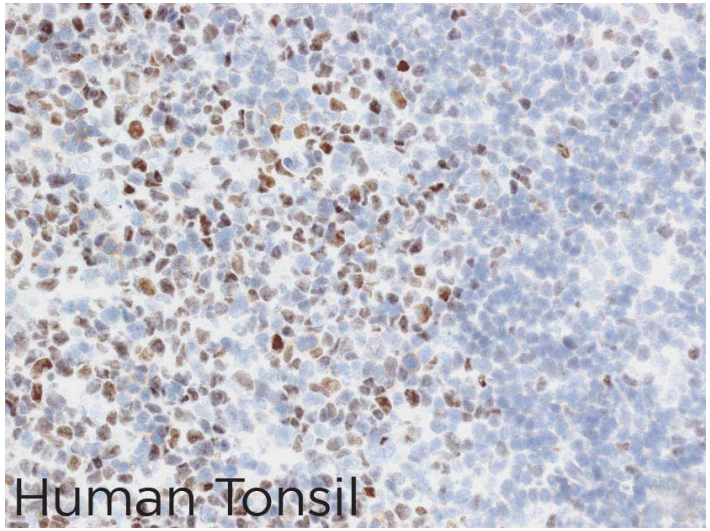
Lane 1 Ramos cell line	(100ug) (+)
Lane 2 Colo205 cell line	(100ug) (-)
Lane 3 Akata cell line	(100ug) (+)
Lane 4 Karpas299 cell line	(100ug) (+)
Lane 5 Toledo cell line	(100ug) (+)
Lane 6 Human tonsil	(100ug) (+)
Lane 7 Hut78	(100ug) (-)



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

ST42B antibody can be used to detect BCL6 protein in human frozen tissues.

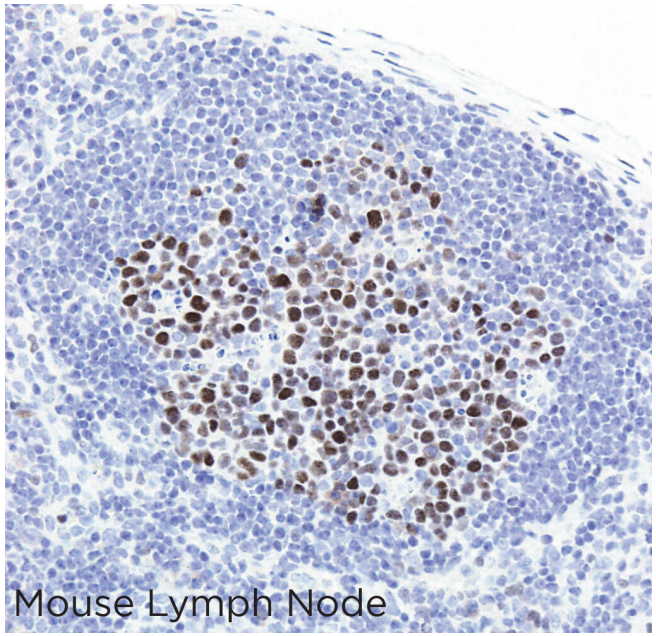
TISSUE SAMPLE Human Tonsil
DILUTION 1:4 (Supernatant)
1:200 purified antibody



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

ST42B antibody can be used to detect BCL6 protein in human paraffin tissues.

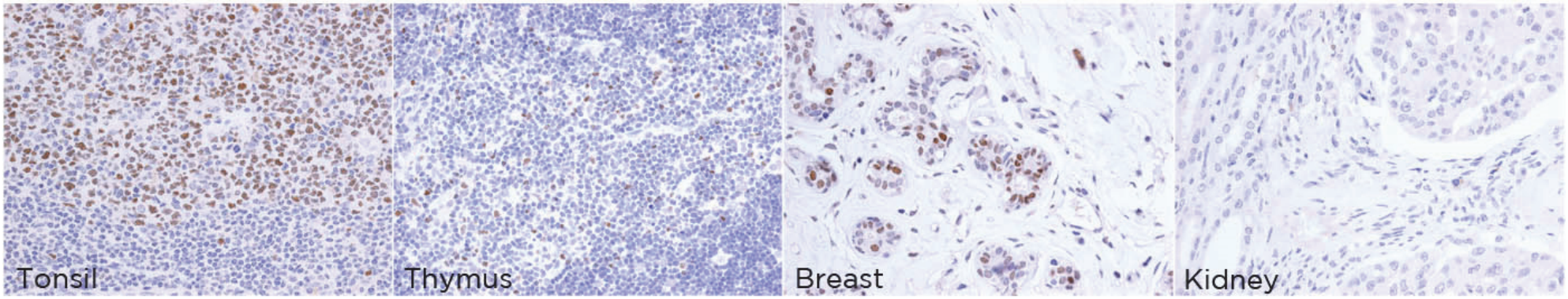
TISSUE SAMPLE Mouse lymph node.
DILUTION ST42B no dilution (neat supernatant)
1:100 purified antibody (1mg/ml)
ANTIGEN RETRIEVAL CC1 (high pH)
DETECTION SYSTEM Discovery Xt (Ventana) CC1 OmniMap Rabbit.


Mouse Lymph Node

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

ST42B antibody can be used to detect BCL6 protein in human paraffin tissues.

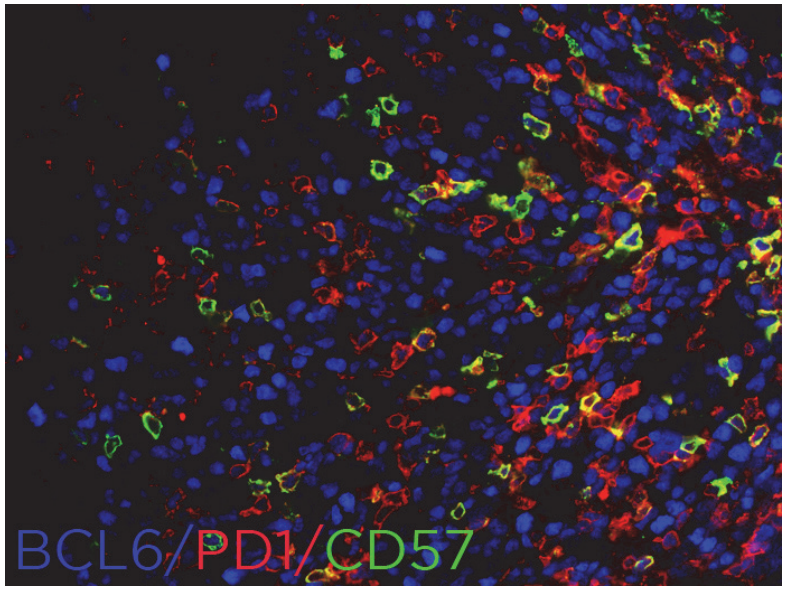
TISSUE SAMPLE Human Tonsil, thymus, breast and kidney.
DILUTION 1:4 (supernatant) 1:100 purified antibody (1mg/ml)
ANTIGEN RETRIEVAL 20min ER2 (Tris-EDTA)
ANTIBODY INCUBATION 30 minutes
DETECTION SYSTEM kit Novolink (Machine BondMax Leica)



| IF | *Immunofluorescence (paraffin)*

ST42B antibody can be used to detect BCL6 in immunofluorescence.

TISSUE SAMPLE Human tonsil
DILUTION ST42B 1:10 purified antibody (1mg/ml)
Anti-PD1 antibody (Clone NAT105C) no dilution (neat supernatant)
CD75 antibody 1:70
ANTIGEN RETRIEVAL 20 minutes ER2 (Tris-EDTA)



| IP | ***Immunoprecipitation*** Not done

| FC | ***Flow Cytometry*** Not done

REFERENCES

Verdes-Montenegro JF, Garcia JF, Maestre L, Lucas-Campeno E, Sanchez-Verde L, Romero-Chala S, Piris MA, Roncador G. Genetic Immunization: A New Monoclonal Antibody for the Detection of BCL-6 Protein in Paraffin Sections. J Histochem Cytochem. 2006 54(1):31-8