BCL6 | ***Validation File***

TARGET BCL6
CLONE NAME IG191E
DESCRIPTION mouse monoclonal
ANTIGEN USED pCDNA3-BCL6 plasmid vector (full-length sequence of human BCL6)
ISOTYPE IgG1
SPECIES REACTIVITY human, mouse and rat
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

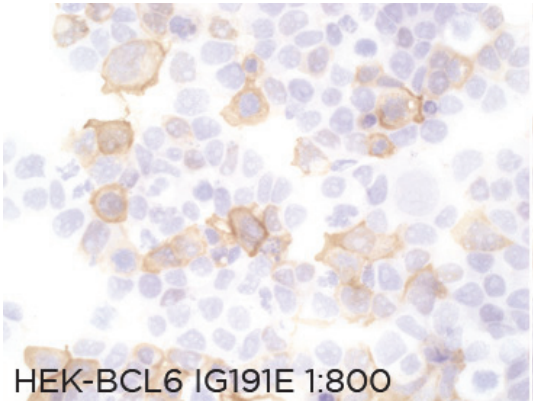
Recommended Inconclusive Not Recommended Not Tested

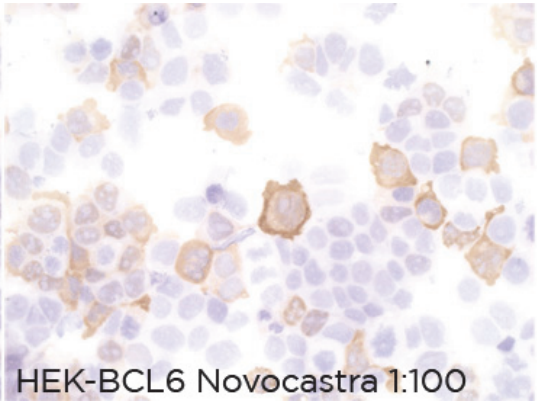
APPLICATIONS

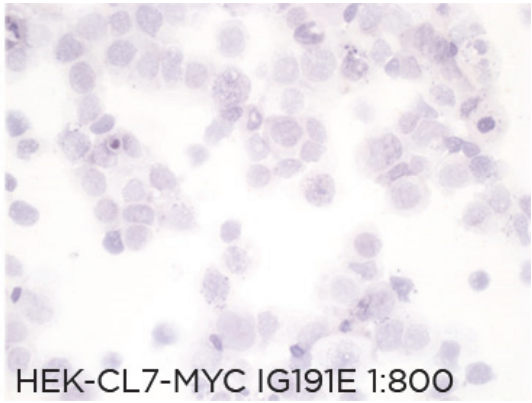
| ICC | ***Immunocytochemistry***

IG191E mAb is able to detect human BCL6 protein in immunocytochemistry.

To confirm that GI191E mAb recognizes human BCL6 protein, immunohistochemistry on frozen cytospin preparations of human BCL6 expressed in HEK293 was performed. Novocastra anti-BCL6 antibody was used as positive control. Cytospin preparation of CL-7 protein was used as a negative control.







| WB | ***Western Blotting***

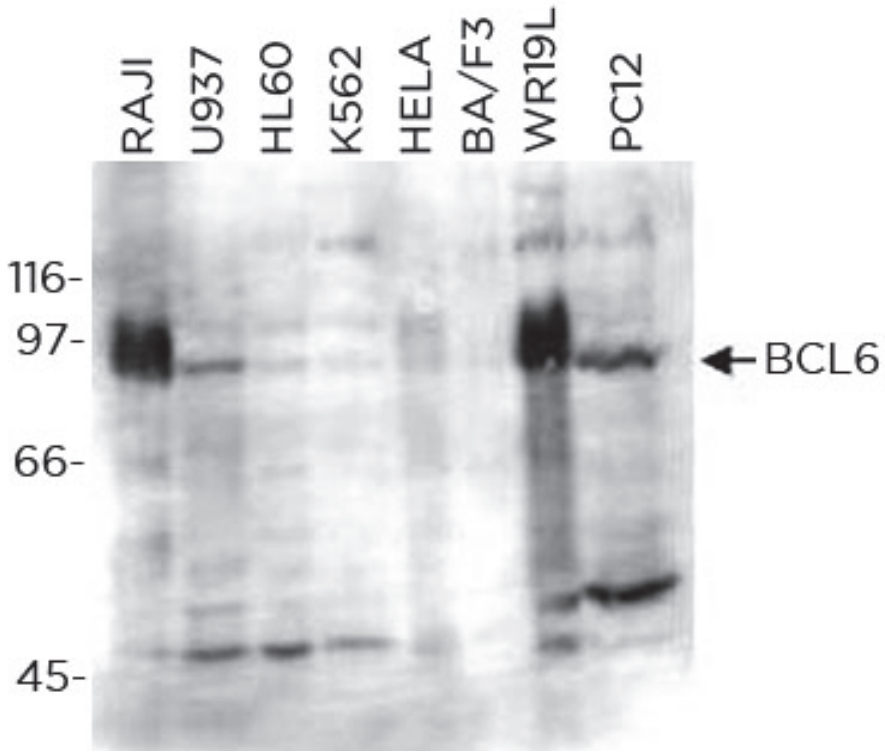
IG191E mAb is able to detect human, rat and mouse BCL6 protein by WB.

DILUTION 1:20 (supernatant)

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

LANES

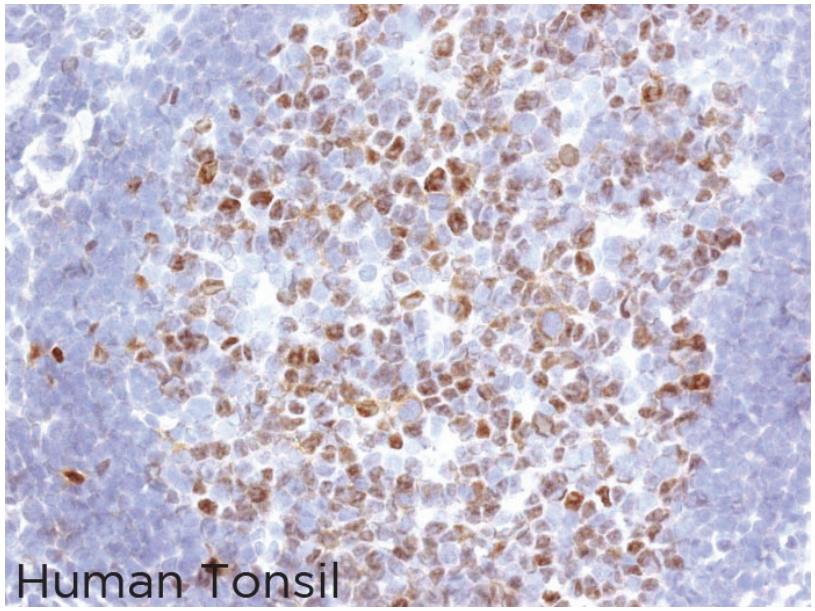
Lane 1 Raji cell line	(50ug) (+)
Lane 2 U937 cell line	(50ug) (+)
Lane 3 HL60 cell line	(50ug) (+)
Lane 4 K562 cell line	(42ug) (+)
Lane 5 HeLa cell line	(50ug) (+)
Lane 6 Ba/F3 mouse cell line	(10ug) (-)
Lane 7 WR19L mouse cell line	(50ug) (+)
Lane 8 PC12 rat cell line	(50ug) (+)



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

IG191E antibody can be used to detect BCL6 protein in human frozen tissues.

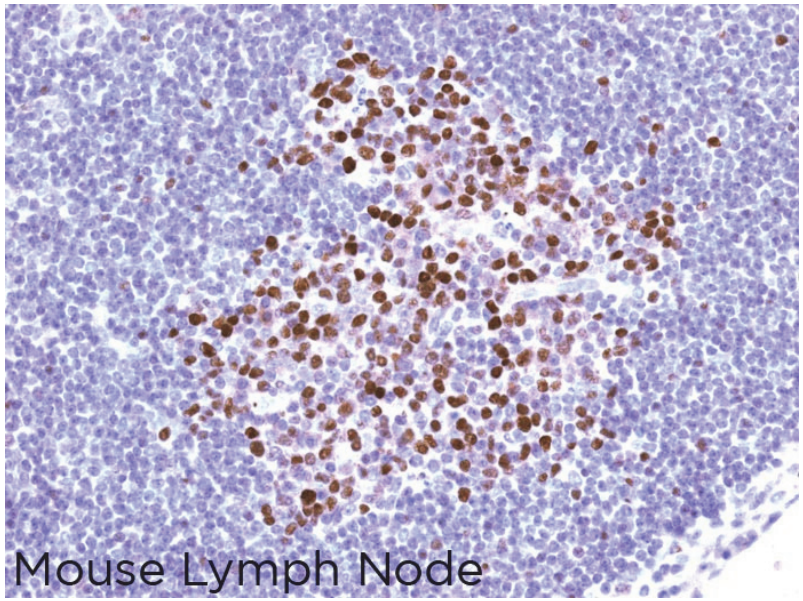
TISSUE SAMPLE Human Tonsil
DILUTION 1:100 (Supernatant)
ANTIBODY INCUBATION 30 min



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

IG191E antibody can be used to detect BCL6 protein in mouse paraffin tissues.

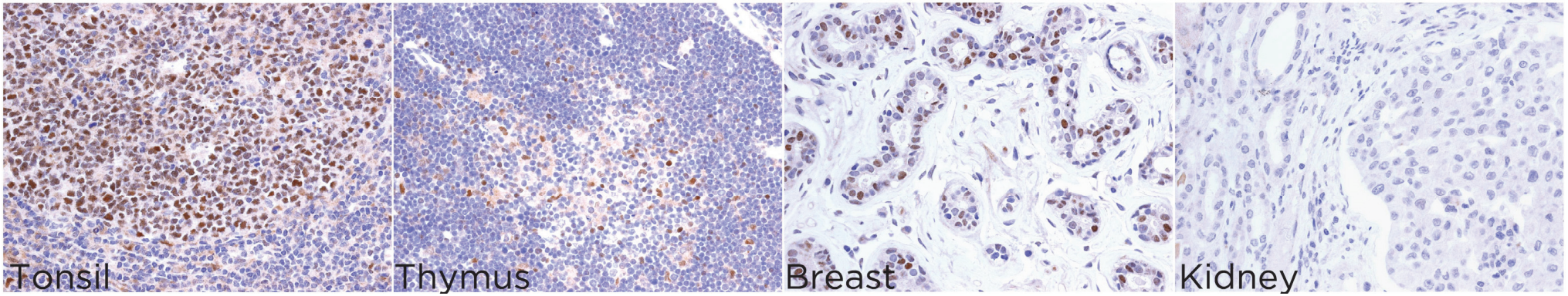
TISSUE SAMPLE Mouse lymph node.
DILUTION 1:50 (supernatant)
ANTIGEN RETRIEVAL CC1 (high pH)
ANTIBODY INCUBATION 30 minutes
DETECTION SYSTEM Discovery Xt (Ventana) CC1 OmniMap Rabbit.



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

IG191E antibody can be used to detect BCL6 in immunofluorescence.

TISSUE SAMPLE Human tonsil, thymus, breast and kidney.
DILUTION 1:350 (supernatant)
ANTIGEN RETRIEVAL 20 min ER2 (Tris-EDTA)
ANTIBODY INCUBATION 30 minutes
DETECTION SYSTEM kit Novolink (Machine BondMax Leica)



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

| IF | ***Immunofluorescence*** Not working

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

SOLD BY: Cell Marque, Biocare, Biolegend, ActiveMotif, eBioscience and Millipore

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.

Nam-Cha SH, Montes-Moreno S, Salcedo MT, Sanjuan J, Garcia JF and Piris MA. Lymphocyte-rich classical Hodgkin's lymphoma: distinctive tumor and microenvironment markers. Modern Pathology (2009) 22, 1006–1015.

Marion Travert, Yenlin Huang, Laurence de Leval, Nadine Martin-Garcia, Marie-Helene Delfau-Larue, Françoise Berger, Jacques Bosq, Josette Brière, Jean Soulier, Elizabeth Macintyre, Teresa Marafioti, Aurélien De Reyniès, Philippe Gaulard. Molecular features of hepatosplenic T-cell lymphoma unravels potential novel therapeutic targets. Blood. 14 June 2012.

Hsiao-Wei Tsao, Tzong-Shyuan Tai, William Tseng, Hui-Hsin Chang, Roland Grenningloh, Shi-Chuen Miaw, I-Cheng Ho. Ets-1 facilitates nuclear entry of NFAT proteins and their recruitment to the IL-2 promoter. Proceedings of the National Academy of Sciences of the United States of America. 24 September 2013.