

## BCL2 | *Validation File*

**TARGET** human BCL2

**CLONE NAME** NOR235J

**DESCRIPTION** rat monoclonal

**ANTIGEN USED** HIS-BCL2 recombinant protein (full-length protein)

**ISOTYPE** IgG2b

**SPECIES REACTIVITY** human

**LOCALIZATION** cytoplasm

**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

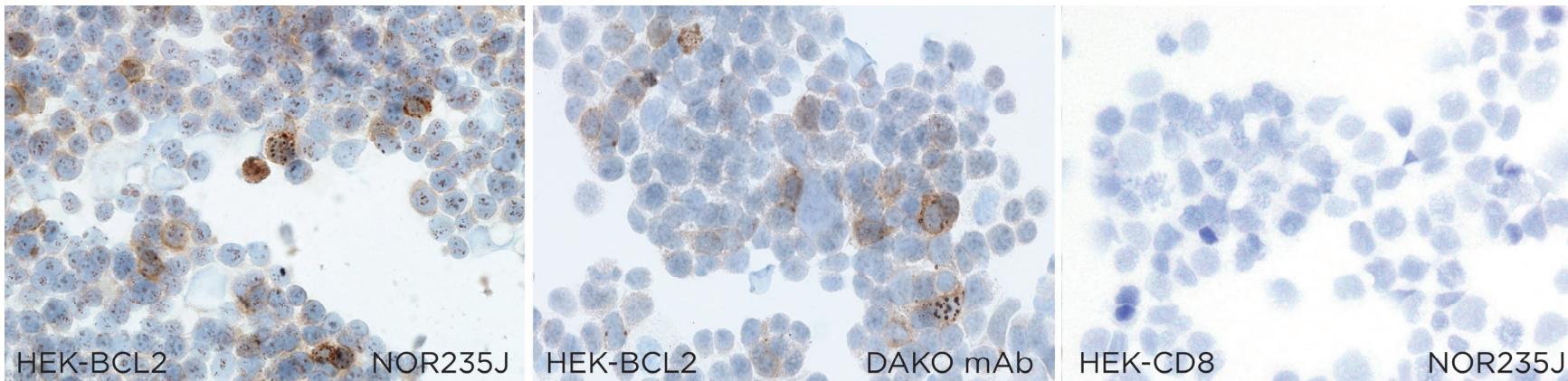
### ICC | *Immunocytochemistry*

NOR235J mAb is able to detect human BCL2 protein in immunocytochemistry.

#### DILUTION

neat supernatant

To confirm that NOR235J mAb recognizes human BCL2 protein, immunocytochemistry on frozen cytocentrifuge preparations of human BCL2 beta isoform expressed in HEK293 was performed. Anti-BCL2 mAb (clone 124) was used as positive control. Cytocentrifuge preparation of human CD8 protein was used as a negative control.



## WB | Western Blotting

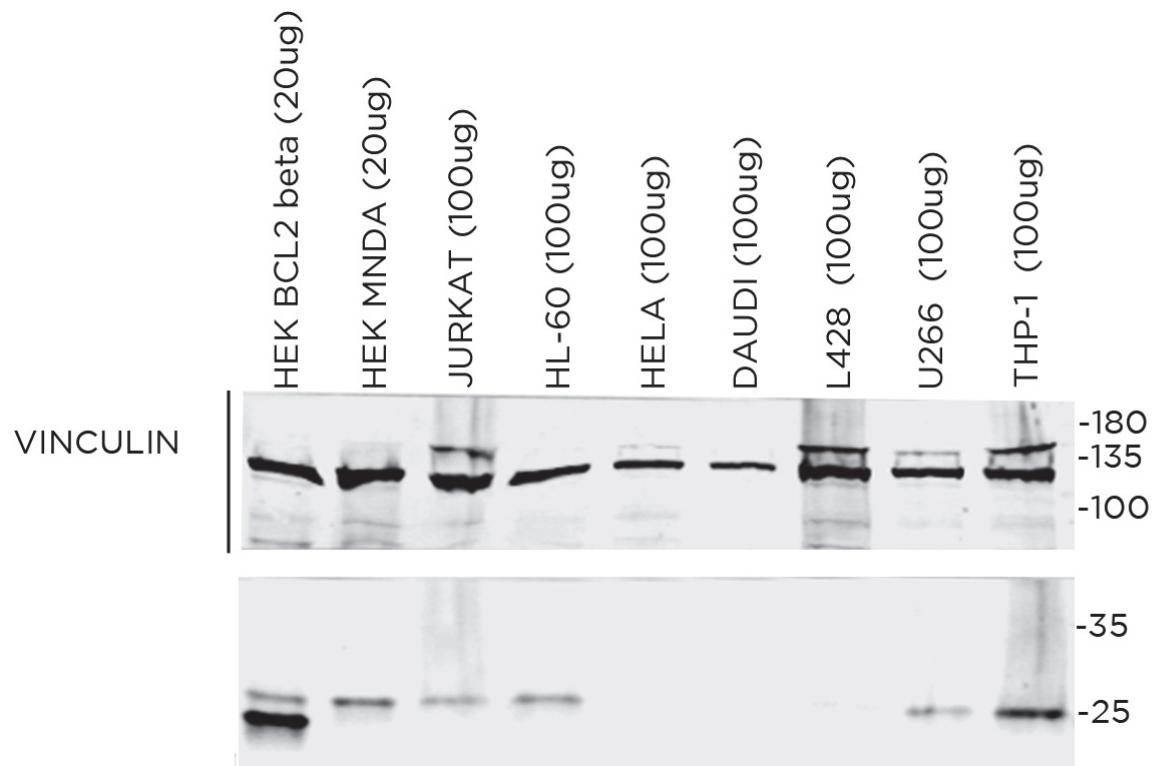
NOR235J mAb is able to detect human BCL2 protein by WB.

**DILUTION** NOR235J no dilution (neat supernatant)

Predicted molecular weight: **22-26kDa**  
Observed molecular weight: **22-26kDa**

### LANES

Lane 1 Hek-BCL2 beta	(30ug) (+)
Lane 2 Hek-MNDA	(30ug) (+)
Lane 3 Jurkat cell line	(100Uug) (+)
Lane 4 HL60 cell line	(100Uug) (+)
Lane 5 Hela cell line	(100Uug) (-)
Lane 6 Daudi cell line	(100Uug) (-)
Lane 7 L428 cell line	(100Uug) (-)
Lane 8 U266 cell line	(100Uug) (+)
Lane 9 THP-1 cell line	(100Uug) (+)

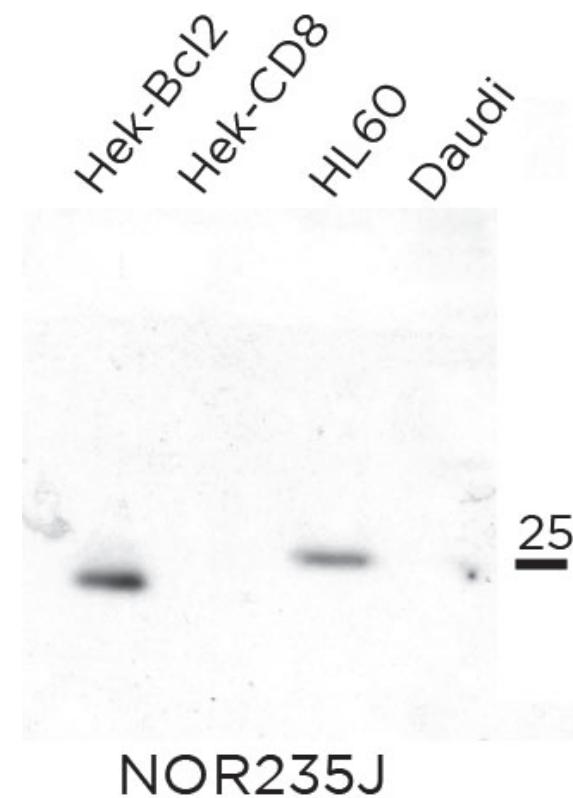


NOR235J mAbs is able to detect the two BCL2 isoforms, 22KDa (beta) and 26KDa (alpha), in HEK-BCL2 beta transfected cell extracts.

## ● | IP | ***Immunoprecipitation***

NOR235J mAb can be used to immunoprecipitate BCL2 protein

**DILUTION** no dilution (neat supernatant)



## ***RESULTS***

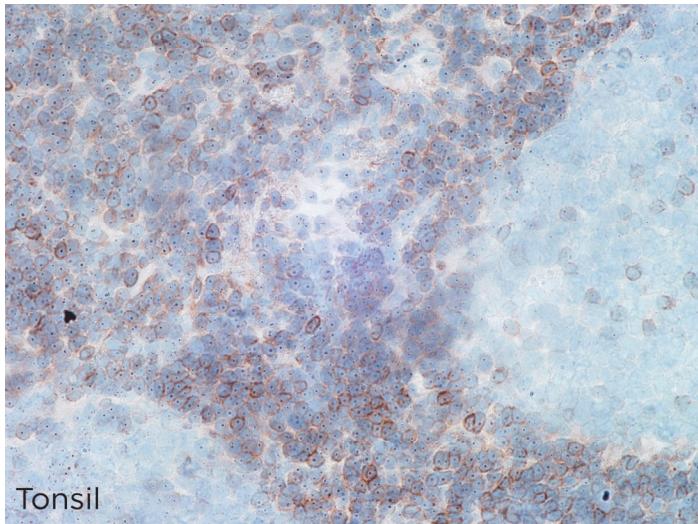
Immunoprecipitation of protein extracts from HEK-Bcl2 beta, HEK-CD8, HL60 and Daudi with anti-BCL2 mAb (clone NOR235J) (40ul antibody/IP) followed by western blotting with NOR235J.

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

NOR235J mAb can be used to detect BCL2 protein in human frozen tissues.

**TISSUE SAMPLE** Human tonsil

**DILUTION** no dilution (neat supernatant)



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

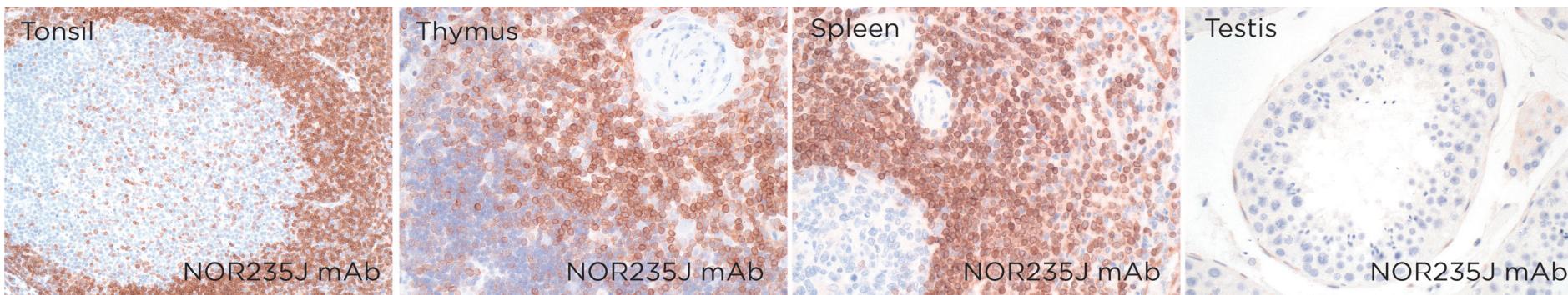
NOR235J mAb can be used to detect BCL2 protein in human paraffin tissues.

**TISSUE SAMPLE** Human tonsil, thymus, spleen and testicle

**DILUTION** was diluted 1:3 (supernatant)

**ANTIGEN RETRIEVAL** 30 minutes ER1 (Citrate)

**DETECTION SYSTEM** Novolink kit (BondMax Leica)



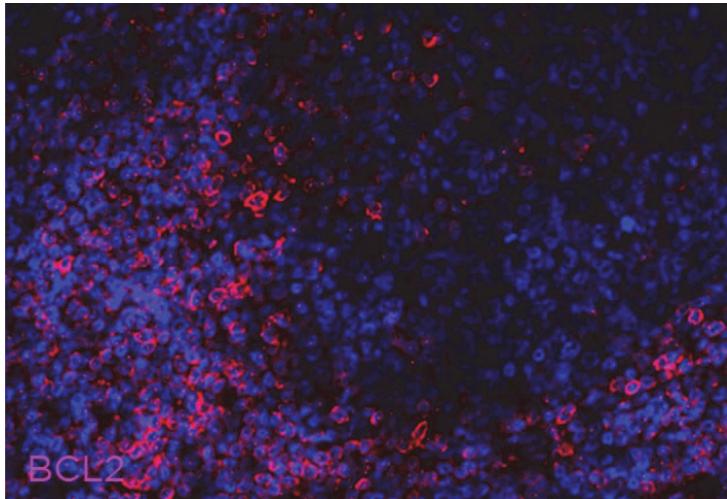
● | IF | ***Immunofluorescence (paraffin)***

NOR235J mAb can be used to detect BCL2 in immunofluorescence.

**TISSUE SAMPLE** Human tonsil

**DILUTION** no dilution (Neat supernatant)

**ANTIGEN RETRIEVAL** citrate



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

**SOLD BY:** Abcam