

35-1414: Polyclonal Antibody to BCL-2 (Ab-70)

Clonality :	Polyclonal
Application :	WB,IHC,IF
Reactivity :	Human
Gene :	BCL2
Gene ID :	596
Uniprot ID :	P10415
Format :	Purified
Alternative Name :	BCL2
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around aa.68~72 (R-T-S-P-L) derived from Human BCL-2.

Description

BCL-2 encodes an integral outer mitochondrial membrane protein that blocks the apoptotic death of some cells such as lymphocytes. Constitutive expression of BCL2, such as in the case of translocation of BCL2 to Ig heavy chain locus, is thought to be the cause of follicular lymphoma. Two transcript variants, produced by alternate splicing, differ in their C-terminal ends.

Product Info

Amount :	50 μ l / 100 μ l
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 26kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100, Immunofluorescence: 1:100~1:200

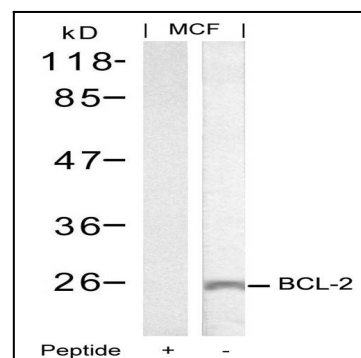


Figure 1: Western blot analysis of extracts from MCF cells using BCL-2(Ab-70) Antibody 35-1414 and the same antibody preincubated with blocking peptide.

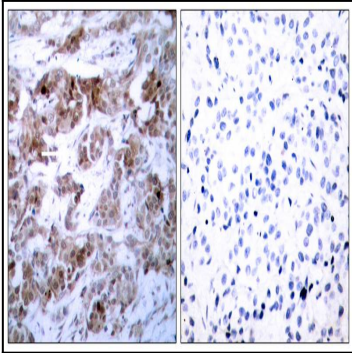


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using BCL-2(Ab-70) Antibody 35-1414 (left) or the same antibody preincubated with blocking peptide(right).

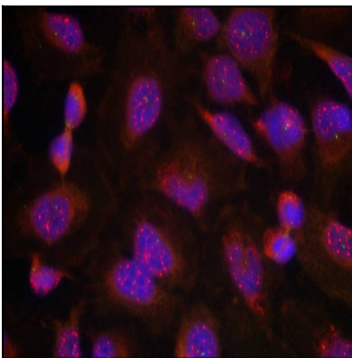


Figure 3: Immunofluorescence staining of methanol-fixed HeLa cells using BCL-2(Ab-70) Antibody 35-1414 .