

## 35-1413: Polyclonal Antibody to BCL-2 (Ab-56)

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB,IHC,IF
<b>Reactivity :</b>	Human
<b>Gene :</b>	BCL2
<b>Gene ID :</b>	596
<b>Uniprot ID :</b>	P10415
<b>Format :</b>	Purified
<b>Alternative Name :</b>	BCL2
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide sequence around aa. 54~58 (G-H-T-P-H) derived from Human BCL-2.

### Description

Suppresses apoptosis in a variety of cell systems including factor-dependent lymphohematopoietic and neural cells. Regulates cell death by controlling the mitochondrial membrane permeability. Appears to function in a feedback loop system with caspases. Inhibits caspase activity either by preventing the release of cytochrome c from the mitochondria and/or by binding to the apoptosis-activating factor (APAF-1).

### Product Info

<b>Amount :</b>	50 $\mu$ l / 100 $\mu$ l
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	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

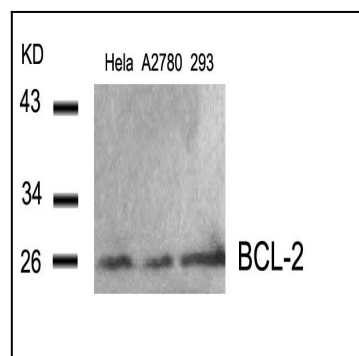


Figure 1: Western blot analysis of extracts from HeLa, A2780 and 293 cells using BCL-2(Ab-56) Antibody 35-1413 .

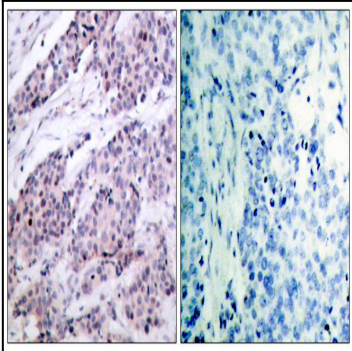


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using BCL-2(Ab-56) Antibody 35-1413 (left) or the same antibody preincubated with blocking peptide(right).

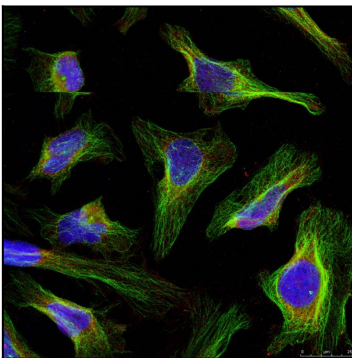


Figure 3: Immunofluorescence staining of methanol-fixed HeLa cells using BCL-2(Ab-56) Antibody 35-1413 .