

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

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

Clonality: Polyclonal Application: WB,IHC,IF Reactivity: Human Gene: BCL2 Gene ID: 596 **Uniprot ID:** P10415 Format: Purified **Alternative Name:** BCL2 Rabbit IgG Isotype:

Immunogen Information: 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

Amount: $50 \mu l / 100 \mu l$

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM Content:

NaCl, 0.02% sodium azide and 50% glycerol.

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid Storage condition:

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

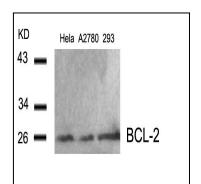


Figure 1: Western blot analysis of extracts from Hela, A2780 and 293 cells using BCL-2(Ab-56) Antibody 35-1413.



9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

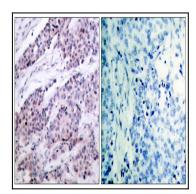


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using BCL-2(Ab-56) Antibody 35-1413 (left) or the same antibody preincubated with blocking peptide(right).

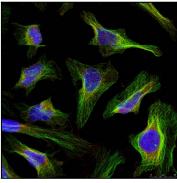


Figure 3: Immunofluorescence staining of methanol-fixed Hela cells using BCL-2(Ab-56) Antibody 35-1413 .