Bcl-2 Antibody

Cat.#: AF0769  Concn.: 1mg/ml  Mol.Wt.: 28kDa
Size: 100ul,200ul  Source: Rabbit  Clonality: Polyclonal

Application: WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500,
ELISA(peptide) 1:20000-1:40000

Reactivity: Human

Purification: The antiserum was purified by peptide affinity
chromatography using SulfoLink™ Coupling Resin (Thermo
Fisher Scientific).

Specificity: Bcl-2 Antibody detects endogenous levels of total Bcl-2.

Immunogen: A synthesized peptide derived from human Bcl-2,
corresponding to a region within the internal amino acids.

Uniprot: P10415

Description: This gene 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.

Storage Condition and Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM
NaCl, 0.02% sodium azide and 50% glycerol.Store at -20
°C.Stable for 12 months from date of receipt.

Western blot analysis on MCF7 cell lysates using BCL-2
Antibody. The lane on the left was treated with the antigen-
specific peptide.

AF0769 at 1/100 staining human Lymph node tissue sections
by IHC-P. The tissue was formaldehyde fixed and a heat
mediated antigen retrieval step in citrate buffer was
performed. The tissue was then blocked and incubated with
the antibody for 1.5 hours at 22°C. An HRP conjugated goat
anti-rabbit antibody was used as the secondary antibody.
AF0769 staining MCF7 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.