

**Bcl2 (3H5) Mouse mAb**

db6522

Package : 50μL 100μL

**Product Name** : Bcl2 (3H5) Mouse mAb**Cat.No.:** db6522**Synonyms** : BCL2; Apoptosis regulator Bcl-2**Application** : ICC/IF, WB, IHC-P**Reactivity** : Human, Chicken**Host species** : Mouse**Background**

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). May attenuate inflammation by impairing NLRP1-inflammasome activation, hence CASP1 activation and IL1B release (PubMed/17418785).

**Immunogen**

Synthetic Peptide of Bcl-2

**Gene ID**

596

**Swiss Prot**

P10415

**Synonyms**

BCL2; Apoptosis regulator Bcl-2

**Reactivity**

Human, Chicken

**Application**

ICC/IF, WB, IHC-P

**Recommended dilution**

WB: 1:500-1:1000

IHC: 1:50-1:100

ICC/IF: 1:50-1:200

**Calculated MW**

26 kDa

**Observed MW**

26 kDa

**Host species**

Mouse

**Clonality**

Monoclonal

**Clonality No.**

3H5-2H8-1H5

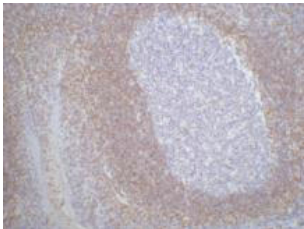
**Isotype**

IgG1

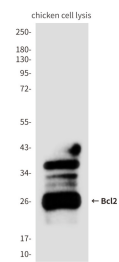
**Purity**

Affinity Purification

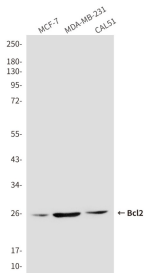
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



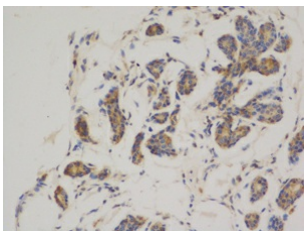
Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Bcl2 (3H5) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of Bcl2 (3H5) in chicken lysates using Bcl2 (3H5) antibody



Western blot analysis of Bcl2 in Human breast cancer cell line MCF-7(A), MDAMB231(B) and Cal51(C) using Bcl2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Bcl2 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.