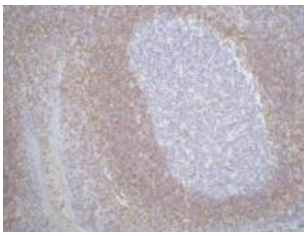
Bcl2 (3H5) Mouse mAb

db6522 **Package : 50μL 100μL**

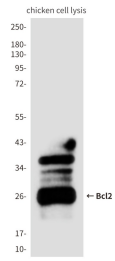
Product Name : Bcl2 (3H5) Mouse mAb
Cat.No.: db6522
Synonyms : BCL2; Apoptosis regulator Bcl-2
Application : ICC/IF, WB, IHC-P
Reactivity : Human, Chicken
Host species : Mouse

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

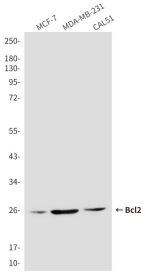
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



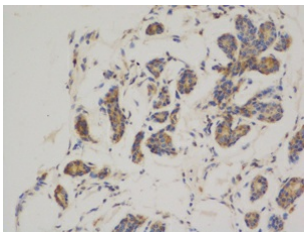
Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Bcl2 (3H5) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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.