

Bcl-2 Monoclonal Antibody(6B5)
Catalog # AP63295**Specification**

Bcl-2 Monoclonal Antibody(6B5) - Product Information

Application	WB, IHC-P, IF
Primary Accession	P10415
Reactivity	Human, Mouse, Rat, Chicken
Host	Mouse
Clonality	Monoclonal

Bcl-2 Monoclonal Antibody(6B5) - Additional Information**Gene ID** 596**Other Names**

BCL2; Apoptosis regulator Bcl-2

Dilution

WB~~1:1000

IHC-P~~N/A

IF~~IF: 1:50-200 WB: 1:1000~2000 IHC: 1:200

Format

PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.

Storage Conditions

-20°C

Bcl-2 Monoclonal Antibody(6B5) - Protein Information**Name** BCL2**Function**

Suppresses apoptosis in a variety of cell systems including factor-dependent lymphohematopoietic and neural cells (PubMed:<[a href="http://www.uniprot.org/citations/1508712" target="_blank">1508712a href="http://www.uniprot.org/citations/8183370" target="_blank">8183370a href="http://www.uniprot.org/citations/11368354" target="_blank">11368354a href="http://www.uniprot.org/citations/11368354" target="_blank">11368354a href="http://www.uniprot.org/citations/11368354" target="_blank">11368354a href="http://www.uniprot.org/citations/18570871" target="_blank">18570871a href="http://www.uniprot.org/citations/20889974" target="_blank">20889974a href="http://www.uniprot.org/citations/21358617" target="_blank">21358617](http://www.uniprot.org/citations/1508712)

target="_blank">21358617). May attenuate inflammation by impairing NLRP1-inflammasome activation, hence CASP1 activation and IL1B release (PubMed:17418785).

Cellular Location

Mitochondrion outer membrane; Single-pass membrane protein. Nucleus membrane; Single-pass membrane protein. Endoplasmic reticulum membrane; Single-pass membrane protein. Cytoplasm {ECO:0000250|UniProtKB:P10417}

Tissue Location

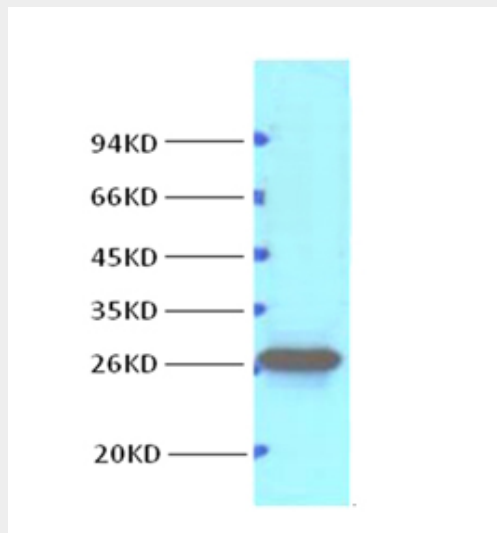
Expressed in a variety of tissues.

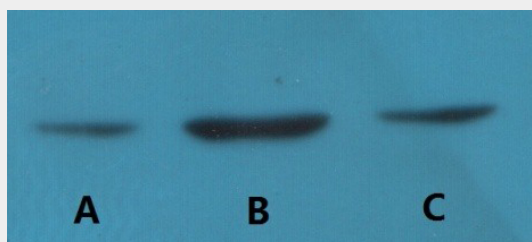
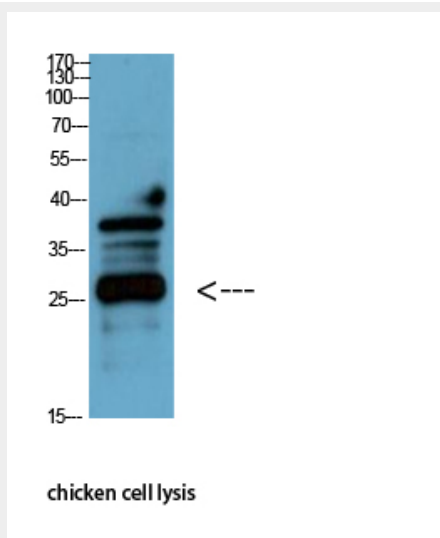
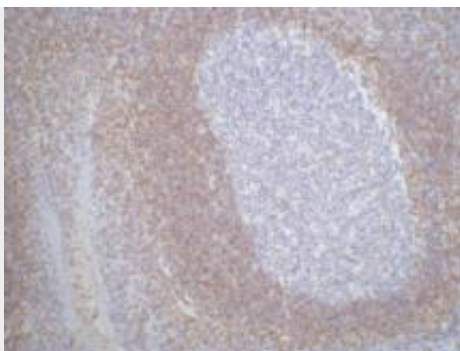
Bcl-2 Monoclonal Antibody(6B5) - Protocols

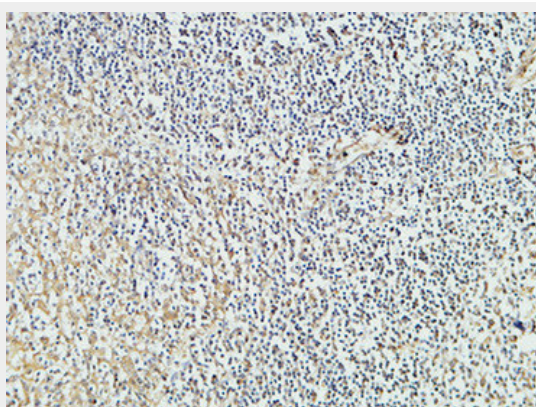
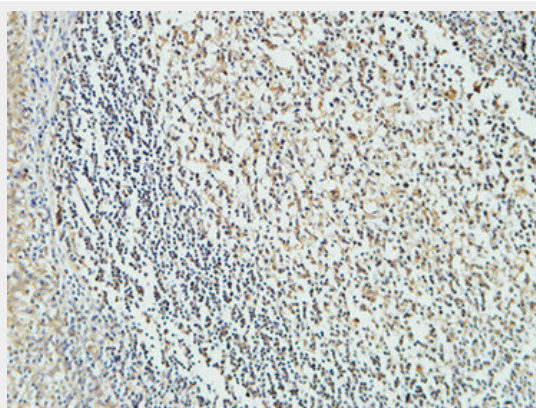
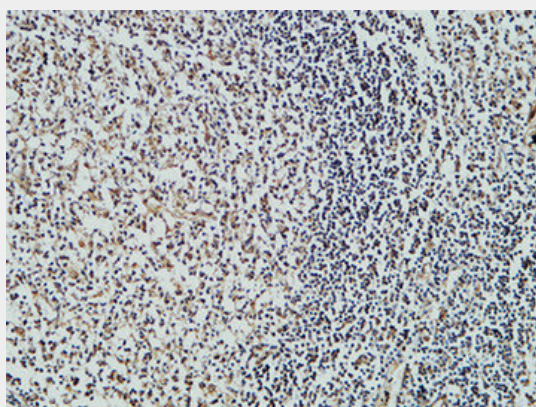
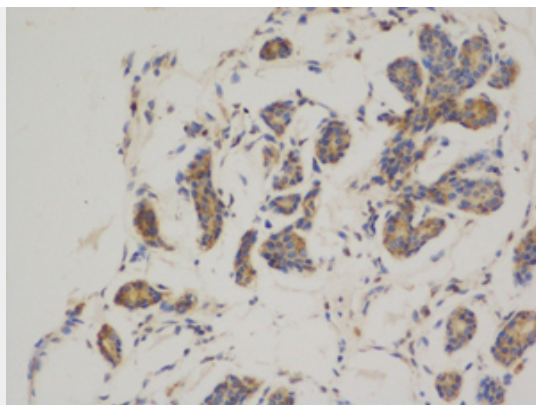
Provided below are standard protocols that you may find useful for product applications.

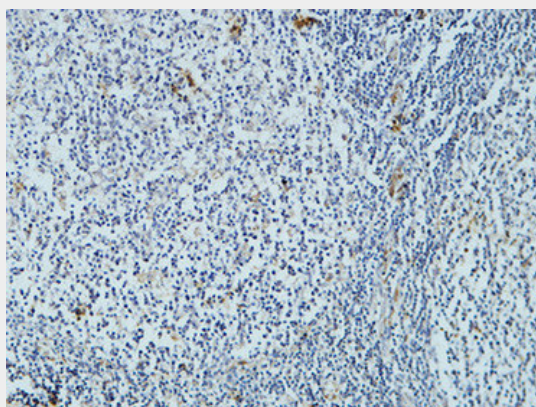
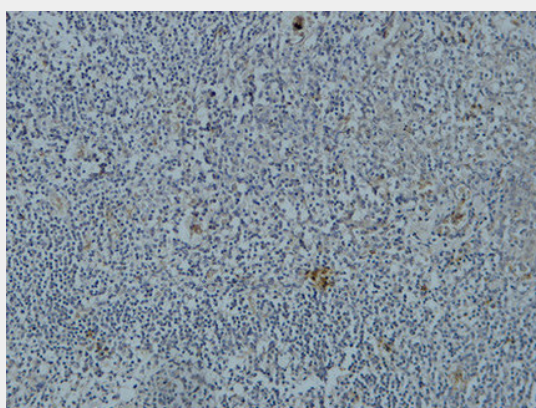
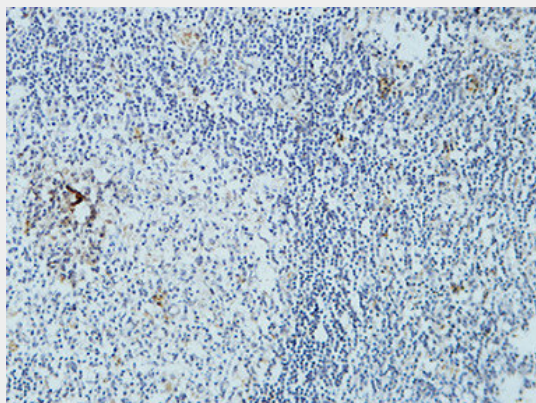
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

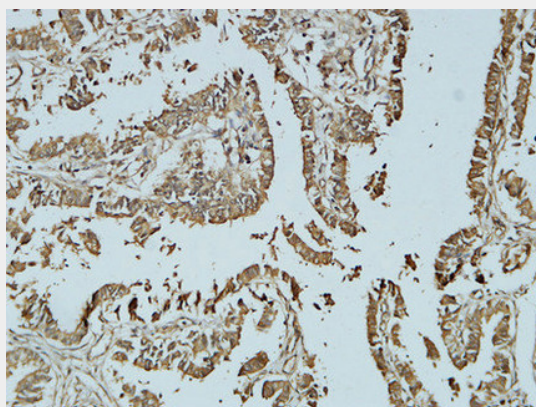
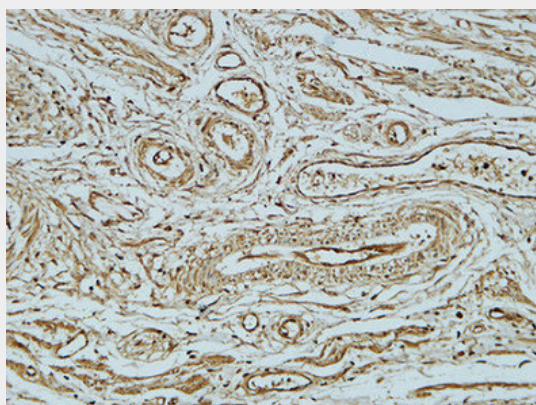
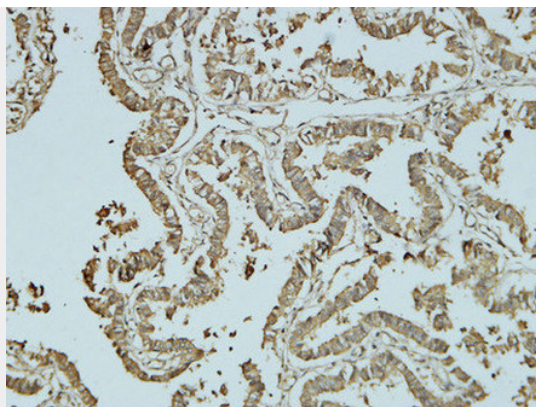
Bcl-2 Monoclonal Antibody(6B5) - Images

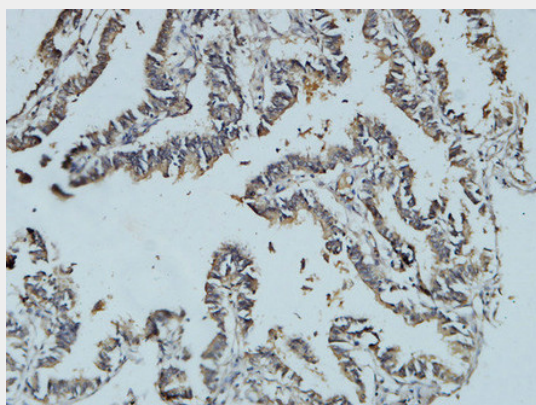
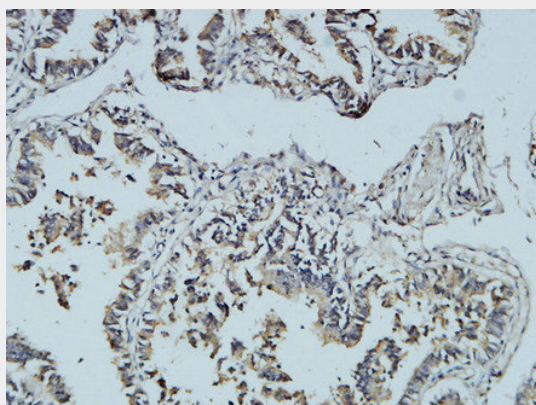
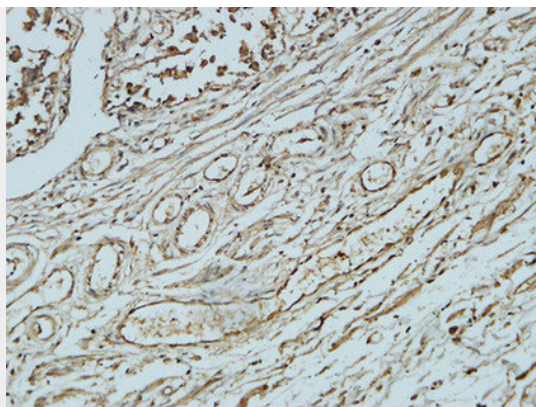


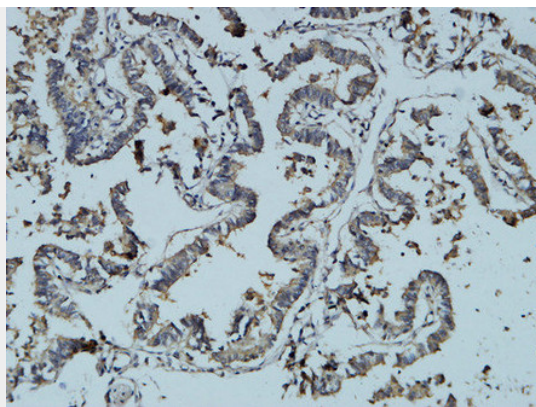












Bcl-2 Monoclonal Antibody(6B5) - Background

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).