

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

Application	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

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:1508712, PubMed:8183370). Regulates cell death by controlling the mitochondrial membrane permeability (PubMed:11368354). Appears to function in a feedback loop system with caspases (PubMed:11368354). 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) (PubMed:11368354). Also acts as an inhibitor of autophagy: interacts with BECN1 and AMBRA1 during non-starvation conditions and inhibits their autophagy function (PubMed:18570871, PubMed:20889974, PubMed: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

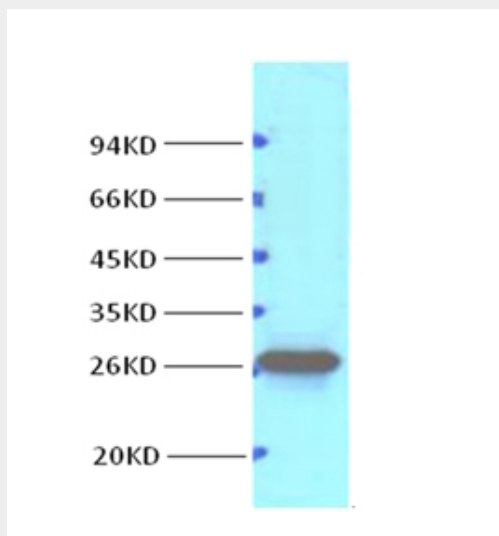
Expressed in a variety of tissues.

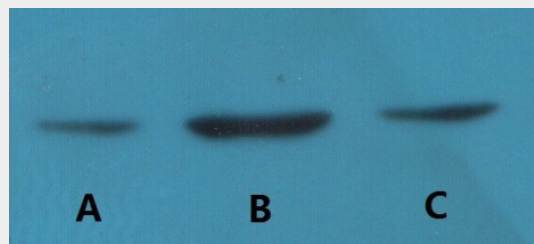
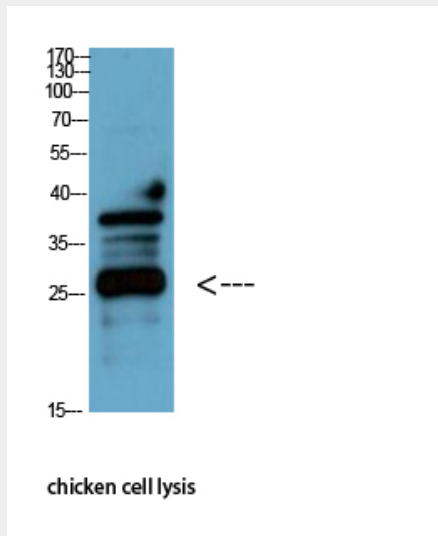
Bcl-2 Monoclonal Antibody(6B5) - Protocols

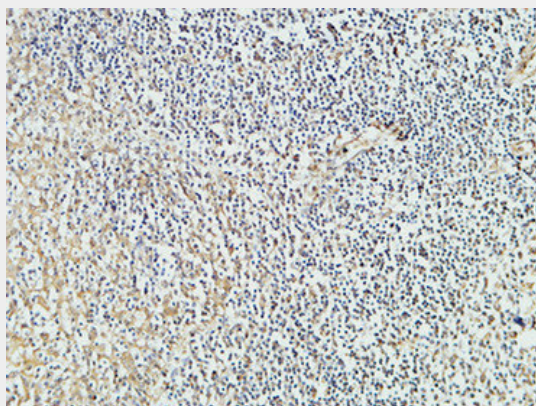
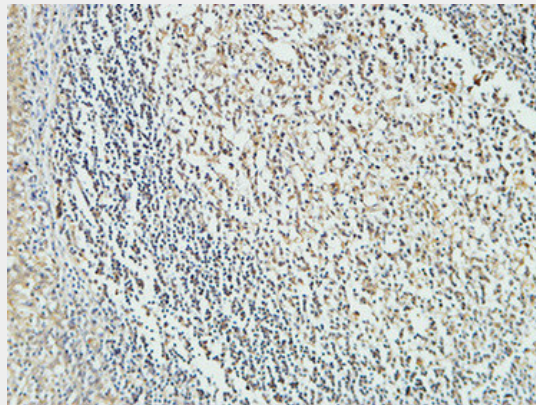
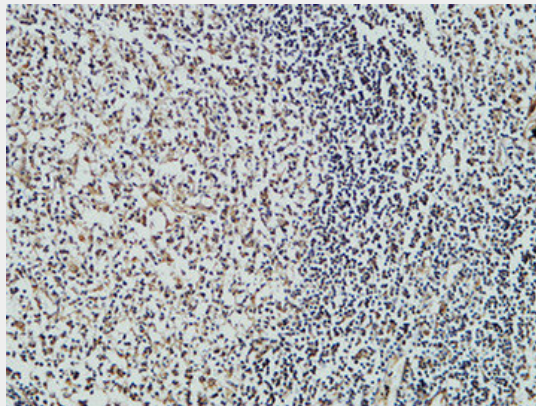
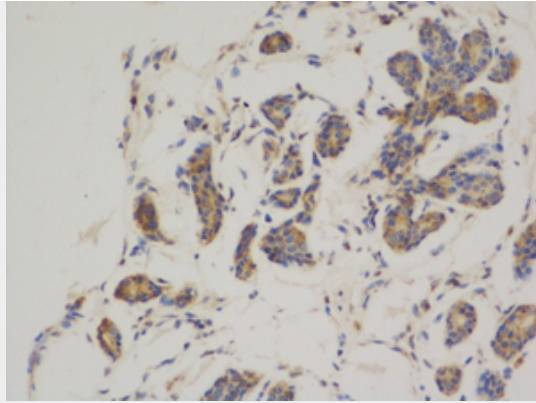
Provided below are standard protocols that you may find useful for product applications.

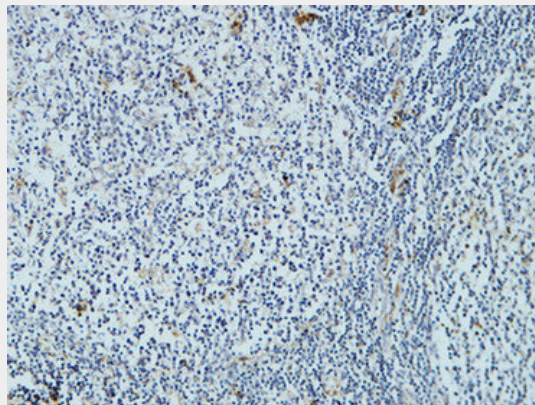
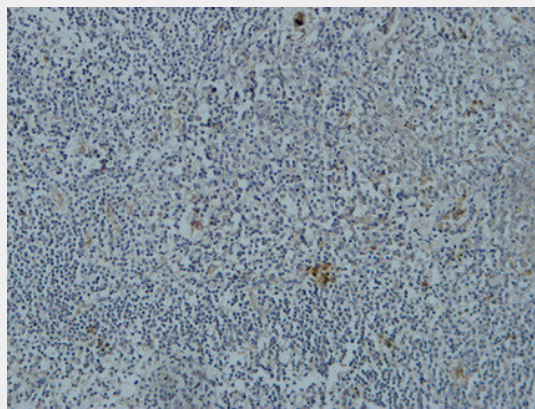
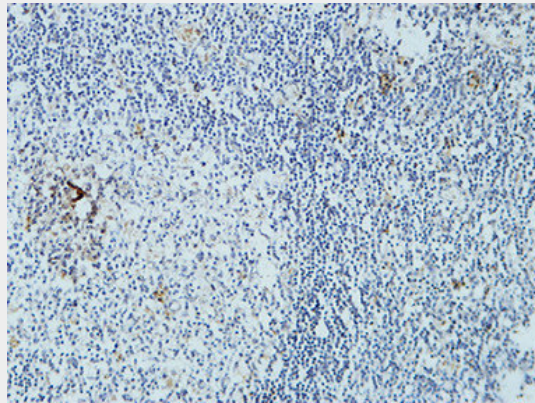
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

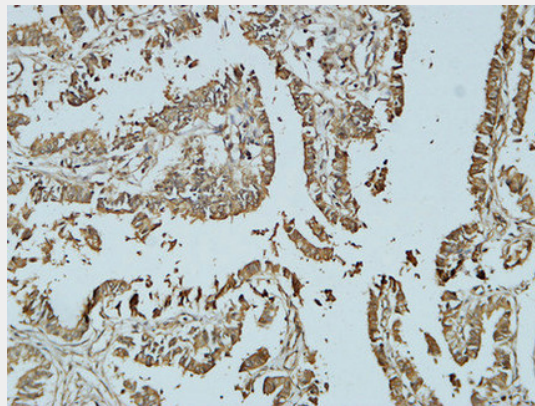
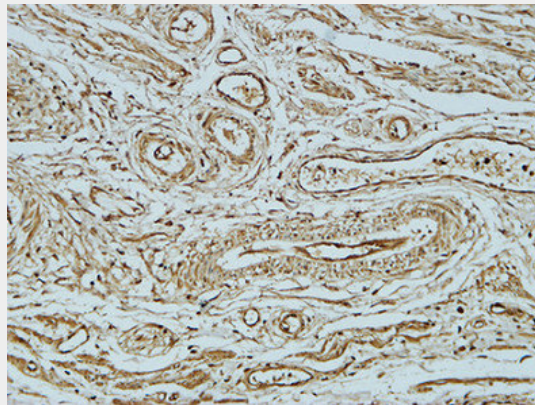
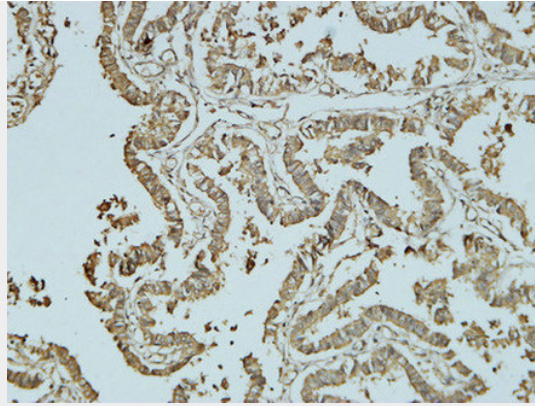
Bcl-2 Monoclonal Antibody(6B5) - Images

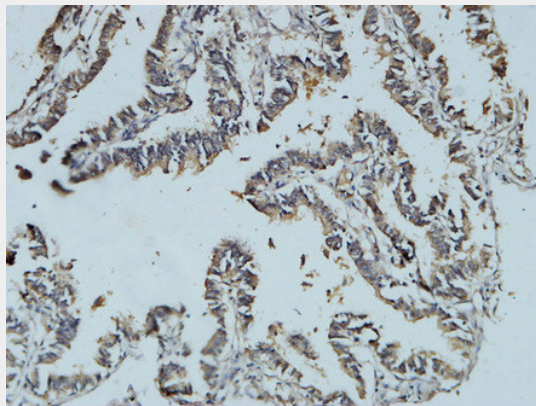
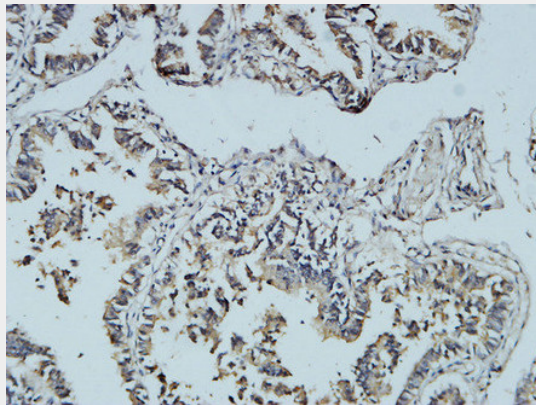
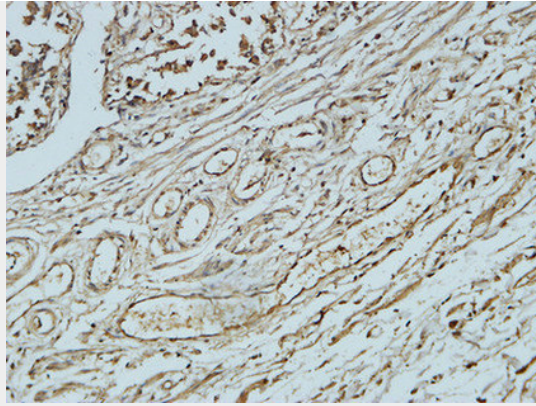


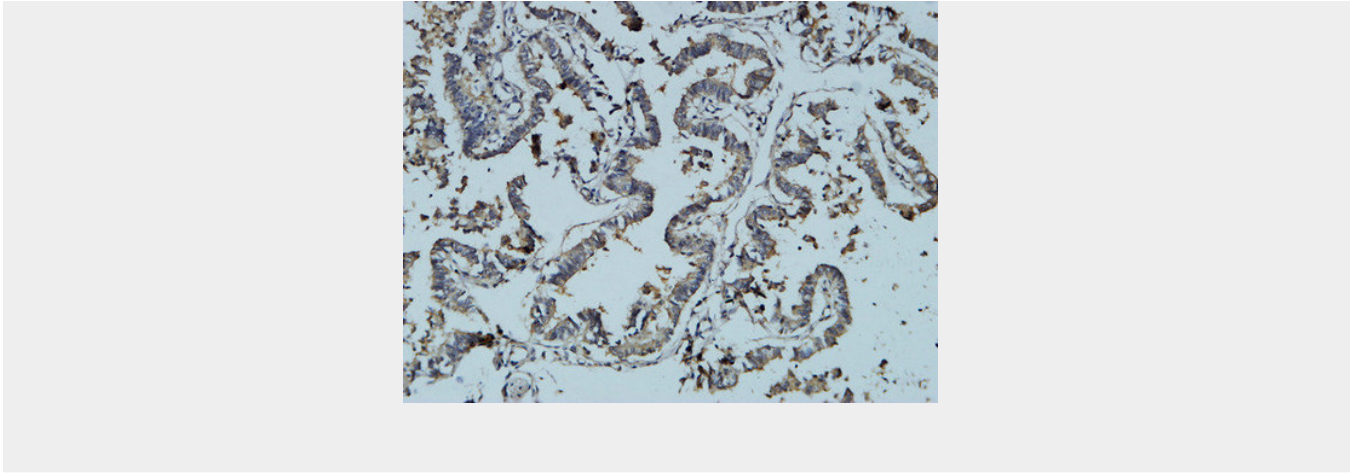












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