

Bcl-xL Monoclonal Antibody (7D9)

Product Details	
Size	500 µL
Species Reactivity	Human, Mouse
Published Species	Rat, Human, Mouse
Host/Isotype	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	7D9
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to aa 35-50 (TEAPEETEAERETPSA) of mouse Bcl-xL protein
Form	Liquid
Concentration	0.2 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_10986767

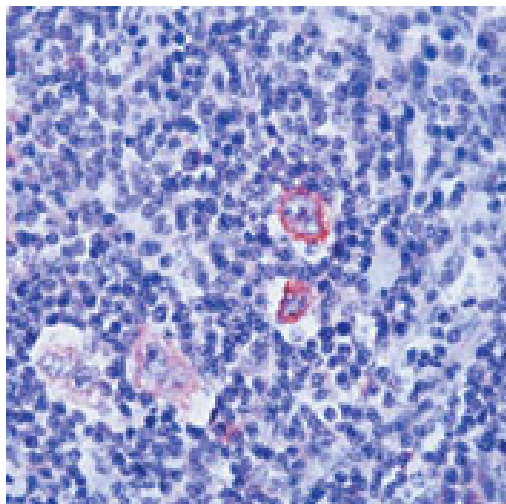
Applications	Tested Dilution	Publications
Western Blot (WB)	-	2 Publications
Immunohistochemistry (IHC)	-	11 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:400	1 Publication
Immunocytochemistry (ICC/IF)	1:20-1:200	-
Flow Cytometry (Flow)	1 µg/test	-
Immunoprecipitation (IP)	2-4 µg	-

Product Specific Information

MA5-11950 targets BCL-XL in FACS, IF, IHC (P) and IP applications.

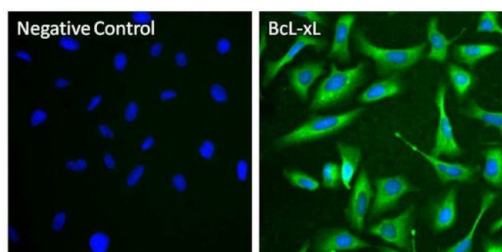
MA5-11950 can be used to stain cells by IF following fixation/permeabilization in either methanol or 4% paraformaldehyde/0.5% octyl-beta-glucoside. The antibody can be used at a lower concentration when fixed and permeabilized by the latter method.

Product Images For Bcl-xL Monoclonal Antibody (7D9)



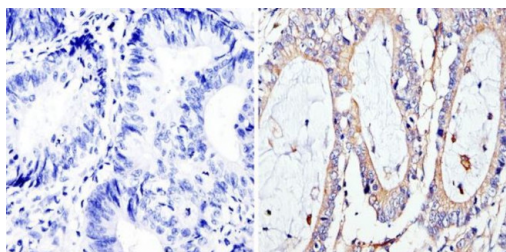
Bcl-xL Antibody (MA5-11950) in IHC (P)

Formalin-fixed, paraffin-embedded human Hodgkin's lymphoma stained with Bcl-X antibody using peroxidase-conjugate and AEC chromogen. Note cytoplasmic staining of Hodgkin's cells.



Bcl-xL Antibody (MA5-11950) in ICC/IF

Immunofluorescent analysis of Bcl-xL (green) in U-2 OS cells. Cells were fixed and permeabilized with ice-cold methanol for 10 minutes at room temperature, and blocked with 0.3% BSA in PBS for 1 hour at room temperature. Cells were probed with a Bcl-xL monoclonal antibody (Product # MA5-11950) at a dilution of 1:20 (right panel), or incubated in blocking buffer as a negative control (left panel) overnight at 4°C. Cells were washed with PBS, and incubated with a DyLight 488 goat anti-mouse IgG secondary antibody (Product # 35502) at a dilution of 1:500 for 1 hour at room temperature. Nuclei (blue) were stained with DAPI (Product # 46190). Images were taken on a Thermo Scientific ToxInsight Instrument at 20X magnification.



Bcl-xL Antibody (MA5-11950) in IHC (P)

Immunohistochemistry analysis of BCL-XL showing staining in the cytoplasm of paraffin-embedded human colon carcinoma (right) compared to a negative control without primary antibody (left). To expose target proteins, antigen retrieval was performed using 10mM sodium citrate (pH 6.0), microwaved for 8-15 min. Following antigen retrieval, tissues were blocked in 3% H₂O₂-methanol for 15 min at room temperature, washed with ddH₂O and PBS, and then probed with a BCL-XL monoclonal antibody (Product # MA5-11950) diluted in 3% BSA-PBS at a dilution of 1:100 overnight at 4°C in a humidified chamber. Tissues were washed extensively in PBST and detection was performed using an HRP-conjugated secondary antibody followed by colorimetric detection using a DAB kit. Tissues were counterstained with hematoxylin and dehydrated with ethanol and xylene to prep for mounting.

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Western Blot (2)

<p>International journal of ophthalmology</p> <p>Parthenolide inhibits the proliferation and induces the apoptosis of human uveal melanoma cells.</p> <p>"MA5-11950 was used in Western Blotting to deduce that human uveal melanoma cell proliferation can be inhibited and apoptosis induced by parthenolide through the arrest of G1 phase and regulation of the mitochondrial pathway."</p> <p>Authors: Che ST,Bie L,Li X,Qi H,Yu P,Zuo L</p>	<p>Year 2020</p> <p>Species Human</p> <p>Dilution 1:1500</p>
<p>The Journal of cell biology</p> <p>MyoD regulates apoptosis of myoblasts through microRNA-mediated down-regulation of Pax3.</p> <p>"MA5-11950 was used in western blot to study the mechanism by which the MyoD regulates myoblast apoptosis"</p> <p>Authors: Hirai H,Verma M,Watanabe S,Tastad C,Asakura Y,Asakura A</p>	<p>Year 2010</p> <p>Species Mouse</p>

Immunohistochemistry (11)

<p>European archives of oto-rhino-laryngology : official journal of the European Federation of Oto-Rhino-Laryngological Societies (EUFOS) : affiliated with the German Society for Oto-Rhino-Laryngology - Head and Neck Surgery</p> <p>New diagnostic markers in salivary gland tumors.</p> <p>"MA5-11950 was used in immunohistochemistry to study the expresion of tumor antigens in order to identify novel diagnostic markers of parotid gland tumors"</p> <p>Authors: Schneider S,Kloimstein P,Pammer J,Brannath W,Grasl MCh,Erovic BM</p>	<p>Year 2014</p> <p>Species Human</p> <p>Dilution 1:200</p>
<p>The Laryngoscope</p> <p>Biomarkers in advanced larynx cancer.</p> <p>"MA5-11950 was used in immunohistochemistry to study the predictive and prognostic value of a range of biomarkers in pre-treatment biopsies from patients with advanced cancer of the larynx"</p> <p>Authors: Bradford CR,Kumar B,Bellile E,Lee J,Taylor J,D'Silva N,Cordell K,Kleer C,Kupfer R,Kumar P,Urba S,Worden F,Eisbruch A,Wolf GT,Teknos TN,Prince ME,Chepeha DB,Hogikyan ND,Moyer JS,Carey TE</p>	<p>Year 2014</p> <p>Species Human</p> <p>Dilution 1:100</p>

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IHC (P) (1)

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