

产品名称: Bcl-2 (19L10) Rabbit Monoclonal Antibody
产品货号: AMRe07500



产品概述 (Summary)

产品名称 (Production Name)	Bcl-2 (19L10) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,IP,IF-P
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	BCL2
别名 (Alternative Names)	Apoptosis regulator Bcl-2; BCL2;
基因 ID (Gene ID)	596.0
蛋白 ID (SwissProt ID)	P10415.A synthetic peptide of human Bcl-2

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:500,IP 1:50-1:100,IF-P 1:200-1:500
蛋白分子量 (Molecular Weight)	26kDa

研究背景 (Background)

This gene encodes an integral outer mitochondrial membrane protein that blocks the apoptotic death of some cells such as

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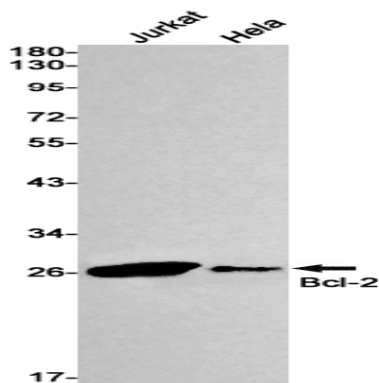


lymphocytes. Constitutive expression of BCL2, such as in the case of translocation of BCL2 to Ig heavy chain locus, is thought to be the cause of follicular lymphoma. Two transcript variants, produced by alternate splicing, differ in their C-terminal ends. Suppresses apoptosis in a variety of cell systems 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:21358617, PubMed:20889974). May attenuate inflammation by impairing NLRP1- inflammasome activation, hence CASP1 activation and IL1B release (PubMed:17418785).

研究领域 (Research Area)

Cell Biology

图片 (Image Data)



Western blot detection of Bcl-2 in Jurkat, HeLa cell lysates using Bcl-2 antibody (1:1000 diluted).

注意事项 (Note)

For research use only .