



Mouse anti-Human BCL2 polyclonal antibody (DPAB-DC2687)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes an integral outer mitochondrial membrane protein that blocks the apoptotic death of some cells such as 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.
Immunogen	BCL2 (AAH27258, 140 a.a. ~ 239 a.a) partial recombinant protein with GST tag. The sequence is DGVNWGRIVAFFEFGGVMCVESVNREMSPLVDNIALWMTEYLNRLHTWIQDNGGWDAFV ELYGPSMRPLDFDFSWLSLKTLLSLALVGACITLGAYLGHK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	BCL2 B-cell CLL/lymphoma 2 [Homo sapiens (human)]
Official Symbol	BCL2
Synonyms	BCL2; B-cell CLL/lymphoma 2; Bcl-2; PPP1R50; apoptosis regulator Bcl-2; protein phosphatase 1, regulatory subunit 50;
Entrez Gene ID	596
Protein Refseq	NP_000624
UniProt ID	A0A024R2B3
Chromosome Location	18q21.3
Pathway	ATF-2 transcription factor network; Activation of BH3-only proteins; Adrenergic signaling in cardiomyocytes; Amyotrophic lateral sclerosis (ALS)
Function	BH3 domain binding; channel activity; channel inhibitor activity; identical protein binding