bsm-52024R **[Primary Antibody]**

Bcl-XL Recombinant Rabbit mAb

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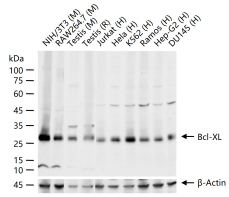
DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Recombinant
CloneNo.: 12C5
GeneID: 598
SWISS: Q07817
Target: Bcl-XL
Immunogen: A synthesized peptide derived from human Bcl 2 L1: 1-233.
Purification: affinity purified by Protein A
Concentration: 1mg/ml
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background: bs-1336P is one synthetic peptide derived from human Bcl-xL. The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The proteins encoded by this gene are located at the outer mitochondrial membrane, and have been shown to regulate outer mitochondrial membrane channel (VDAC) opening. VDAC regulates mitochondrial membrane potential, and thus controls the production of reactive oxygen species and release of cytochrome C by mitochondria, both of which are the potent inducers of cell apoptosis. Two alternatively spliced transcript variants, which encode distinct isoforms, have been reported. The longer isoform acts as an apoptotic inhibitor and the shorter form acts as an apoptotic activator. [provided by RefSeq, Jul 2008].

Applications: **WB** (1:500-1000)
Reactivity: Human, Mouse, Rat
Predicted MW.: 26 kDa
Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus

VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with Bcl-XL monoclonal antibody, unconjugated (bsm-52024R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

SELECTED CITATIONS

- **[IF=4.6]** Shuli Yang. et al. Enrichment and Evaluation of Antitumor Properties of Total Flavonoids from Juglans mandshurica Maxim. MOLECULES. 2024 Jan;29(9):1976 WB ;Human. 38731467
- **[IF=3.8]** Bang-Hua Zhong. et al. Transcription factor FOXF2 promotes the development and progression of pancreatic cancer by targeting MSI2. ONCOL REP. 2024 Jul;52(1):1-13 WB ;Human. 38847273