bsm-52023R

[Primary Antibody]

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BCL2A1 Recombinant Rabbit mAb

- DATASHEET -

Host: Rabbit Isotype: IgG
Clonality: Recombinant CloneNo.: 3E4

GenelD: 597
Target: BCL2A1

Immunogen: A synthesized peptide derived from human Bcl 2 A1: 1-60.

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: This gene encodes a member of the BCL-2 protein family. The proteins of this family form hetero- or homodimers and act as anti-

and pro-apoptotic regulators that are involved in a wide variety of cellular activities such as embryonic development, homeostasis and tumorigenesis. The protein encoded by this gene is able to

reduce the release of pro-apoptotic cytochrome c from mitochondria and block caspase activation. This gene is a direct transcription target of NF-kappa B in response to inflammatory mediators, and is up-regulated by different extracellular signals, such as granulocyte-macrophage colony-stimulating factor (GM-CSF), CD40, phorbol ester and inflammatory cytokine TNF and IL-1, which suggests a cytoprotective function that is essential for lymphocyte activation as well as cell survival. Alternatively spliced

transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Applications: WB (1:500-2000)

IHC-P (1:50-200) IHC-F (1:50-200) IF (1:50-200) ICC/IF (1:50-200)

Reactivity: Human, Mouse

(predicted: Rat)

Predicted MW.: 29 kDa

Subcellular Location: Cytoplasm

— SELECTED CITATIONS —————

• [IF=2.8] Jinsong Liu. et al.Identification and multi-dimensional validation of mitochondrial permeability transition-driven necrosis-related model to assess the prognosis and immunotherapy value in breast cancer. EUROPEAN JOURNAL OF MEDICAL RESEARCH. 2025 Feb 18;30(1):113. lhc; Rabbit. 39966932