

## Product datasheet for **TA346891S**

### **BAX Mouse Monoclonal Antibody [Clone ID: 2B12-G6-H6]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	2B12-G6-H6
Applications:	WB
Recommended Dilution:	WB: 1:1000
Reactivity:	Human, Monkey
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	The immunogen for BAX antibody: purified recombinant human Bax protein fragments expressed in E.coli
Formulation:	Purified mouse monoclonal antibody in PBS(pH 7.4) containing with 0.02% sodium azide and 50% glycerol.
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	20 kDa
Gene Name:	BCL2 associated X protein
Database Link:	<a href="#">NP_620116</a> <a href="#">Entrez Gene 718948 Monkey</a> <a href="#">Entrez Gene 581 Human</a> <a href="#">Q07812</a>



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<b>Background:</b>	The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein forms a heterodimer with BCL2, and functions as an apoptotic activator. This protein is reported to interact with, and increase the opening of, the mitochondrial voltage-dependent anion channel (VDAC), which leads to the loss in membrane potential and the release of cytochrome c. The expression of this gene is regulated by the tumor suppressor P53 and has been shown to be involved in P53-mediated apoptosis. Multiple alternatively spliced transcript variants, which encode different isoforms, have been reported for this gene. (provided by RefSeq, Jul 2008).
<b>Synonyms:</b>	BCL2L4
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	Amyotrophic lateral sclerosis (ALS), Apoptosis, Colorectal cancer, Huntington's disease, Neurotrophin signaling pathway, p53 signaling pathway, Pathways in cancer, Prion diseases