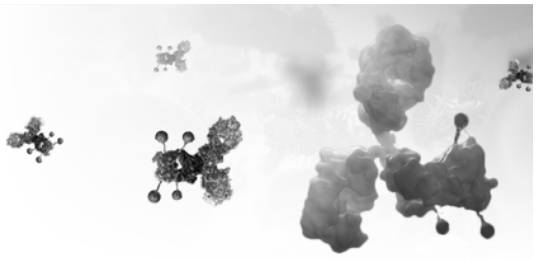

Anti-BAX monoclonal antibody, clone 668DU6.3.2 (DCABY-1018)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene belongs to the BCL2protein family. BCL2 family members form hetero- or homodimers andact as anti- or pro-apoptotic regulators that are involved in awide variety of cellular activities. This protein forms aheterodimer with BCL2, and functions as an apoptotic activator.This protein is reported to interact with, and increase the openingof, the mitochondrial voltage-dependent anion channel (VDAC), whichleads to the loss in membrane potential and the release ofcytochrome c. The expression of this gene is regulated by the tumorsuppressor P53 and has been shown to be involved in P53-mediatedapoptosis. Multiple alternatively spliced transcript variants,which encode different isoforms, have been reported for this gene.
Specificity	This BAX antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 28-56 amino acids from human BAX.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	668DU6.3.2
Conjugate	Unconjugated
Applications	WB
Molecular Weight	21184 Da
Format	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.
Size	100 µl

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Preservative	0.09% Sodium Azide
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Ship	Blue ice

GENE INFORMATION

Gene Name	BAX BCL2-associated X protein [Homo sapiens (human)]
Official Symbol	BAX
Synonyms	BAX; BCL2L4; Apoptosis regulator BAX; Bcl-2-like protein 4
Entrez Gene ID	581
Protein Refseq	NP_001278357
UniProt ID	Q07812
Chromosome Location	19q13.3-q13.4
Pathway	Activation, translocation and oligomerization of BAX; AhR pathway; Amyotrophic lateral sclerosis (ALS); Apoptosis; Apoptosis Modulation and Signaling; B Cell Receptor Signaling Pathway; Caspase cascade in apoptosis; Ceramide signaling pathway;
Function	BH3 domain binding; BH3 domain binding; channel activity; identical protein binding; lipid binding; protein binding; protein heterodimerization activity; protein homodimerization activity; protein homodimerization activity

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