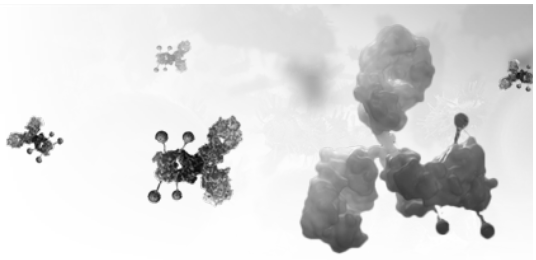

Anti-BAX monoclonal antibody, clone 3E3 (DCABH-9804)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Bax
Antigen Description	Accelerates programmed cell death by binding to, and antagonizing the apoptosis repressor BCL2 or its adenovirus homolog E1B 19k protein. Under stress conditions, undergoes a conformation change that causes translocation to the mitochondrion membrane, leading to the release of cytochrome c that then triggers apoptosis. Promotes activation of CASP3, and thereby apoptosis.
Specificity	The immunogen amino acid sequence is NOT shared by mouse and rat bax protein.
Immunogen	Synthetic peptide corresponding to Human Bax aa 3-16 (Cysteine residue).Sequence: C-GSGEQPRGGGPTSS Database link: Q07812
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	3E3
Conjugate	Unconjugated
Applications	Flow Cyt, Sandwich ELISA, WB, IHC-P, ICC/IF
Positive Control	HeLa cells. Hodgkin's lymphoma.
Format	Liquid
Size	100 µl

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Buffer	Preservative: None; Constituents: 10mM PBS, pH 7.4
Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.

GENE INFORMATION

Gene Name	BAX BCL2-associated X protein [Homo sapiens]
Official Symbol	BAX
Synonyms	BAX; BCL2-associated X protein; apoptosis regulator BAX; BCL2L4; bcl2-L-4; bcl-2-like protein 4; BCL2-associated X protein omega;
Entrez Gene ID	581
Protein Refseq	NP_004315
UniProt ID	Q07812
Chromosome Location	19q13.3-q13.4
Pathway	Activation, translocation and oligomerization of BAX, organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem; Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Apoptosis, organism-specific biosystem;
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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