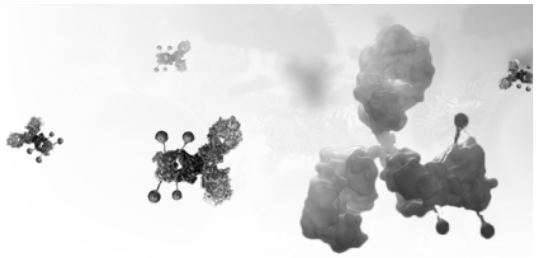

Anti-BAX monoclonal antibody, clone F74 (DCABH-8574)

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

PRODUCT INFORMATION

Product Overview	Rabbit 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.
Immunogen	Synthetic peptide within Human Bax aa 1-100 (N terminal). The exact sequence is proprietary.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	F74
Conjugate	Unconjugated
Applications	WB, IHC-P, IP, Flow Cyt, Sandwich ELISA
Positive Control	HeLa cell lysate Human lymph node
Format	Liquid
Size	40 µl
Buffer	PBS 49%,Sodium azide 0.01%,Glycerol 50%,BSA 0.05%
Storage	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid

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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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