Product Datasheet

Bax (Phospho-Thr167) Conjugated Antibody

Catalog No: #C11680



Package Size: #C11680-AF350 100ul #C11680-AF405 100ul #C11680-AF488 100ul #C11680-AF555 100ul #C11680-AF594 100ul #C11680-AF647 100ul #C11680-AF680 100ul #C11680-AF750 100ul #C11680-Biotin 100ul

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Description

Product Name	Bax (Phospho-Thr167) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of Bax only when phosphorylated at threonine 167.
Immunogen Description	Peptide sequence around phosphorylation site of threonine167 (P-G-T(p)-P-T) derived from Human Bax.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	BAXA;Apoptosis regulator BAX;membrane isoform alpha;Bcl2-associated X protein
Accession No.	Swiss-Prot#:Q07812NCBI Gene ID:581NCBI mRNA#:NM_138761.3. NCBI Protein#:NP_620116.1.
Uniprot	Q07812
GenelD	581;
Excitation Emission	AF350: 346nm/442nm
	AF405: 401nm/421nm
	AF488: 493nm/519nm
	AF555: 555nm/565nm
	AF594: 591nm/614nm
	AF647: 651nm/667nm
	AF680: 679nm/702nm
	AF750: 749nm/775nm
Calculated MW	21
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250 AF405 conjugated: most applications: 1: 50 - 1: 250 AF488 conjugated: most applications: 1: 50 - 1: 250 AF555 conjugated: most applications: 1: 50 - 1: 250 AF594 conjugated: most applications: 1: 50 - 1: 250 AF647 conjugated: most applications: 1: 50 - 1: 250 AF680 conjugated: most applications: 1: 50 - 1: 250 AF750 conjugated: most applications: 1: 50 - 1: 250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Background

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.

Note: This product is for in vitro research use only