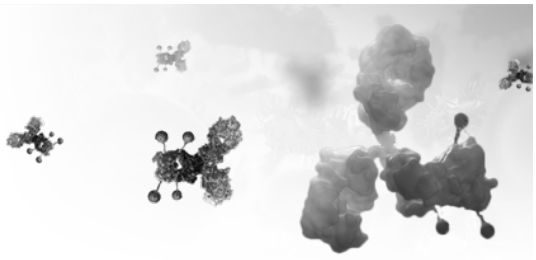

Anti-BAD monoclonal antibody, clone Z319 [DyLight® 488] (DCABH-3560)

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

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to Bad (DyLight? 488)
Antigen Description	Promotes cell death. Successfully competes for the binding to Bcl-X(L), Bcl-2 and Bcl-W, thereby affecting the level of heterodimerization of these proteins with BAX. Can reverse the death repressor activity of Bcl-X(L), but not that of Bcl-2 (By similarity). Appears to act as a link between growth factor receptor signaling and the apoptotic pathways.
Specificity	This antibody does not cross-react with other Bcl-2 members.
Immunogen	Synthetic peptide corresponding to residues at the N terminal of Human Bad (UniProt ID: Q92934).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	Z319
Conjugate	Dylight 488
Applications	Flow Cyt
Positive Control	HeLa cells.
Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Preservative: 0.02% Sodium azide; Constituents: 99% PBS, 0.05% BSA

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Preservative	0.02% Sodium Azide
Storage	Store at +4°C.

GENE INFORMATION

Gene Name	BAD BCL2-associated agonist of cell death [Homo sapiens]
Official Symbol	BAD
Synonyms	BAD; BCL2-associated agonist of cell death; bcl2 antagonist of cell death; BBC2; BCL2L8; bcl2-L-8; BCL2-binding protein; bcl-2-like protein 8; BCL2-binding component 6; bcl-2-binding component 6; BCL-X/BCL-2 binding protein; BCL2-antagonist of cell death
Entrez Gene ID	572
Protein Refseq	NP_004313
UniProt ID	A0A024R562
Chromosome Location	11q13.1
Pathway	AKT phosphorylates targets in the cytosol, organism-specific biosystem; Activation of BAD and translocation to mitochondria, organism-specific biosystem; Activation of BH3-only proteins, organism-specific biosystem; Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Adaptive Immune System, organism-specific biosystem; Alpha-synuclein signaling, organism-specific biosystem;
Function	cysteine-type endopeptidase activator activity involved in apoptotic process; lipid binding; phospholipid binding; protein binding; protein heterodimerization activity; protein kinase binding; protein phosphatase binding;

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