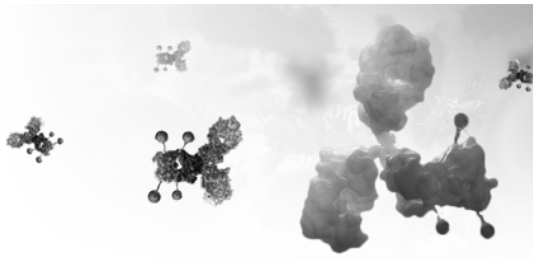

Anti-BAD monoclonal antibody, clone 2.U.20 (DCABH-9324)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Bad
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 recognizes human Bad, Mr 23kD and mouse Bad, Mr 31kD. Occasionally a Mr 14kD protein is detected in human lysates.
Immunogen	Full-length mouse Bad containing a N-terminal His6-tag.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Mouse, Human
Clone	2.U.20
Conjugate	Unconjugated
Applications	WB, IP
Format	Liquid
Size	100 µg
Buffer	Preservative: 0.05% Sodium Azide; Constituents: 30% Glycerol, 0.15M Sodium chloride, 0.1M Tris glycine, pH 7.4

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Preservative	0.05% Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	Bad BCL2-associated agonist of cell death [Mus musculus]
Official Symbol	BAD
Synonyms	BAD; BCL2-associated agonist of cell death; bcl2 antagonist of cell death; bcl-2-binding component 6; Bcl-associated death promoter; bcl-xL/Bcl-2-associated death promoter; Bbc2; AI325008;
Entrez Gene ID	12015
Protein Refseq	NP_031548
UniProt ID	Q3U9H3
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; Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem;
Function	cysteine-type endopeptidase activator activity involved in apoptotic process; cysteine-type endopeptidase activator activity involved in apoptotic process; lipid binding; phospholipid binding; protein binding; protein heterodimerization activity; protein

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