

Product datasheet

Anti-Bad antibody [1.T.19] ab62480

概述

产品名称	Anti-Bad抗体[1.T.19]
描述	小鼠单克隆抗体[1.T.19] to Bad
宿主	Mouse
特异性	This antibody recognizes human Bad, Mr 23kD and mouse Bad, Mr 31kD. Occasionally a Mr 14kD protein is detected in human lysates.
经测试应用	适用于: WB, IP
种属反应性	与反应: Mouse, Human
免疫原	Full-length mouse Bad containing a N-terminal His6-tag.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	Preservative: 0.05% Sodium Azide Constituents: 30% Glycerol, 0.15M Sodium chloride, 0.1M Tris glycine, pH 7.4
纯度	Protein G purified
克隆	单克隆
克隆编号	1.T.19
同种型	IgG1

应用

Our [Abpromise guarantee](#) covers the use of **ab62480** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use a concentration of 1 - 4 µg/ml. Detects a band of approximately 23 kDa (predicted molecular weight: 18 kDa).
IP		Use at an assay dependent concentration.

靶标

功能	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.
组织特异性	Expressed in a wide variety of tissues.
序列相似性	Belongs to the Bcl-2 family.
结构域	Intact BH3 motif is required by BIK, BID, BAK, BAD and BAX for their pro-apoptotic activity and for their interaction with anti-apoptotic members of the Bcl-2 family.
翻译后修饰	Phosphorylated on one or more of Ser-75, Ser-99, Ser-118 and Ser-134 in response to survival stimuli, which blocks its pro-apoptotic activity. Phosphorylation on Ser-99 or Ser-75 promotes heterodimerization with 14-3-3 proteins. This interaction then facilitates the phosphorylation at Ser-118, a site within the BH3 motif, leading to the release of Bcl-X(L) and the promotion of cell survival. Ser-99 is the major site of AKT/PKB phosphorylation, Ser-118 the major site of protein kinase A (CAPK) phosphorylation. Ser-75 is phosphorylated by AKT/PKB, protein kinase A and PIM2.
细胞定位	Mitochondrion outer membrane. Cytoplasm. Upon phosphorylation, locates to the cytoplasm.

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