

AM00008PU-N**Monoclonal Antibody to Bcl-2-like 8 - Purified**

Alternate names:	BAD, BBC6, BCL2L8, Bcl-2-binding component 6, Bcl-2-like protein 8, Bcl-XL/Bcl-2-associated death promoter, Bcl2 antagonist of cell death, Bcl2-L-8
Quantity:	0.1 mg
Background:	BAD is an important regulatory protein controlling cell survival/apoptosis. Unphosphorylated BAD heterodimerizes with Bcl-2 and Bcl-XL, thus neutralizing the anti-apoptotic properties of the Bcl proteins. Activation of different signal transduction pathways leads to phosphorylation of BAD at multiple serine residues, e.g. phosphorylation of serine 136 by PKB, serine 112 by MAPK, and serine 155 by PKA, and dissociation of the BAD/Bcl heterodimers.
Uniprot ID:	Q92934
NCBI:	NP_004313.1
GeneID:	572
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	5E6
Immunogen:	Recombinant Human BAD.
Format:	State: Lyophilized purified IgG fraction. Purification: Subsequent Thiophilic Adsorption and Size Exclusion Chromatography Buffer System: 1 ml 2 x PBS / 0.09% Sodium Azide / PEG and Sucrose Reconstitution: Restore with 1 ml H ₂ O (15 min, RT).
Applications:	Immunoprecipitation: 1-2 µg/ml. Also suitable for Western blotting if cells overexpressing BAD are used (0.5 µg/ml for HRPO/ECL detection). <i>Recommended blocking buffer:</i> Casein/Tween 20 based blocking and blot incubation buffer. Immunocytochemistry. Note: We recommend to use mab BAD-5E6 for IP applications. The mab is also suitable for Western-blot applications if cells overexpressing BAD are used. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody specifically binds the BAD protein but does not recognize BAD/Bcl-2 heterodimers in Immunoprecipitation assays. Species: Human. Other species not tested.
Add. Information:	Molecular Weight. 19 kDa

Storage:

For long-term storage, freeze lyophilizate upon arrival (-20°C).
Upon reconstitution, aliquote and freeze in liquid nitrogen.
Thaw aliquots at 37°C. Thawed aliquots may be stored at 4°C up to 3 months.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.