

Mouse Monoclonal Antibody to

BAD

Formulation:

Stability:

Reconstitution:

Positive Control:

Immunoblotting:

Immunoprecipitation:

ELISA:

Immunocytochemistry:



Order No.:		0072-100/B/	0072-100/BAD-5E6					
Size (µg)		100	100					
Lot No.:		0072S	0072S				02/080507F	
Isoty	pe Species Reactiv	vity Applications	Mol. Weight	Ref.Cell Line	Epitope		Immunogen	
lgG1	human	IP, WB (see note), ICC, IHC		none			recombinant human BAD	
Background and Specificity:						Related Products		
 BAD is an important regulatory protein controlling cellsurvival/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. mab BAD-5E6 specifically binds the BAD protein but does not recognize BAD/Bcl-2 heterodimers in immunoprecipitation assays. 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. 						mab to PKB (phospho-Ser 473) #0108-100/PKB-11E6 mab to PKB (dephospho-Ser 473) #0049-100/PKB-11A11 mab to PKB alpha, Akt-1 #0144-100/PKBa-5G12 mab to PKB beta, Akt-2 #0179-100/PKBb-8B7 mab to PKB #0119-100/PKB-5C10		
Purification: The antibody was purified from serum-free cell culture supernatant by subsequent thiopilic adsorption and size exclusion chromatography.								

All products are supplied for research and investigational use only. Not for use in humans or laboratory animals.

Recommended blocking buffer: Casein/Tween 20 based blocking and blot incubation buffer, e.g. nanoTools product

lyophilized from 1 ml 2 x PBS / 0.09 % Na-azide / PEG and

For long-term storage, freeze lyophilizate upon arrival (-20°C).

Upon reconstitution, aliquote and freeze in liquid nitrogen; reconstituted antibody can be stored frozen at -80°C up to 1 year. Thaw aliquots at 37°C. Thawed aliquots may be stored at 4°C up to

Reconstitute with 1 ml H2O (15 min, RT).

Avoid repeated freeze / thaw cycles.

0.5 µg/ml for HRPO/ECL detection.

#3031-500/CPPT or #3031-3000/CPPT.

Sucrose.

3 months.

none

ND

ND

use at 1 - 2 µg/ml





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orders & support: email: info@nanotools.de phone: +49-7641-455 670 fax: +49-7641-455 671