

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse Bad in Western blots.
Source	Polyclonal Rabbit IgG
Purification	Antigen Affinity-purified
Immunogen	KLH-coupled human Bad synthetic peptide MFQIPEFEPSEQEDSSSAERGC Accession # Q92934
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Bcl-2 antagonist of cell death (BAD) is an 18 kDa cytoplasmic protein in the Bcl-2 family. It functions as a pro-apoptotic molecule by dimerizing with and inhibiting the anti-apoptotic proteins Bcl-2 and Bcl-xL. Prosurvival signals trigger the phosphorylation of BAD on Ser115, disrupting its interaction with Bcl-2 and Bcl-xL and resulting in protection from apoptosis. Over amino acid 1-21, human BAD shares 81 % aa sequence identity with mouse and rat BAD.

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