

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse BID in Western blots. Detects full-length mouse BID and the 15 kDa carboxyl-terminal fragment (tBID) generated by cleavage with Caspase-8. The antibody also detects human BID. However, in Western blots of recombinant human and
Source	Monoclonal Rat IgG ₁ Clone # 91508
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant mouse BID Met1-Asp195 Accession # P70444
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.

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

BID is a member of the Bcl-2 family of proteins that regulates outer mitochondrial membrane permeability. BID is cytosolic in healthy cells but upon delivery of an apoptotic signal, BID is cleaved by Caspase-8. The cleaved form is translocated to the mitochondria outer membrane where it binds to BAK and the resulting complex causes altered mitochondrial membrane permeability.

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