

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human APAF-1 in Western blots.
Source	Monoclonal Mouse IgG _{2B} Clone # 94408
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human APAF-1 Leu10-Asp214 Accession # AAC51678
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

Apoptosis protease-activating factor 1 (APAF-1) is a ubiquitous 135 kDa protein component of the cytoplasmic apoptosome complex. APAF-1 plays an important role in the mitochondrial apoptotic pathway by triggering the Cytochrome c-dependent activation of Caspase-9. APAF-1 participates in tissue morphogenesis during development, and loss of APAF-1 expression is associated with tumor progression in a variety of cancers. Some alternate splice forms of APAF-1 are deficient in their ability to promote apoptosis.

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