

DESCRIPTION

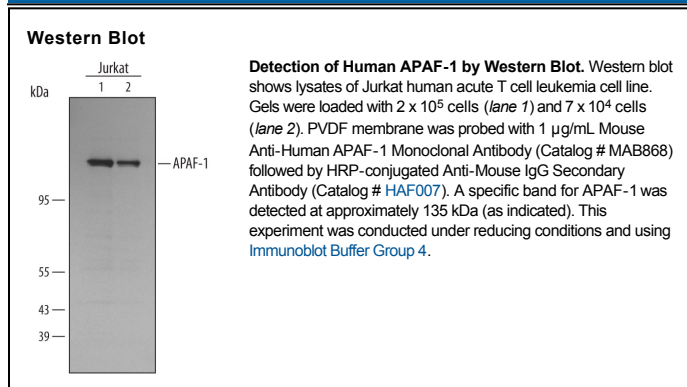
Species Reactivity	Human
Specificity	Detects human APAF-1 in Western blots.
Source	Monoclonal Mouse IgG _{2B} Clone # 94408
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human APAF-1 Leu10-Asp214 Accession # AAC51678
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

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.

	Recommended Concentration	Sample
Western Blot	1 µg/mL	See Below

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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.