



Human PMAIP1 peptide (DAG-P0881)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Promotes activation of caspases and apoptosis. Promotes mitochondrial membrane changes and efflux of apoptogenic proteins from the mitochondria. Contributes to p53/TP53-dependent apoptosis after radiation exposure. Promotes proteasomal degradation of MCL1. Competes with BAK1 for binding to MCL1 and can displace BAK1 from its binding site on MCL1 (By similarity). Competes with BIM/BCL2L11 for binding to MCL1 and can displace BIM/BCL2L11 from its binding site on MCL1.
Specificity	Highly expressed in adult T-cell leukemia cell line.
Conjugate	Unconjugated
Applications	WB
Sequence Similarities	Belongs to the PMAIP1 family.
Format	Liquid
Buffer	Preservative: 0.02% Sodium Azide Constituents: 0.1% BSA, PBS, pH 7.2
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Preservative: 0.02% Sodium Azide Constituents: 0.1% BSA, PBS, pH 7.2

GENE INFORMATION

Gene Name	PMAIP1 phorbol-12-myristate-13-acetate-induced protein 1 [Homo sapiens (human)]
Official Symbol	PMAIP1
Synonyms	PMAIP1; phorbol-12-myristate-13-acetate-induced protein 1; APR; NOXA; protein Noxa; PMA-

induced protein 1; immediate-early-response protein APR; adult T cell leukemia-derived PMA-responsive;

Entrez Gene ID [5366](#)

mRNA Refseq [NM_021127.2](#)

Protein Refseq [NP_066950.1](#)

UniProt ID Q13794

Chromosome Location 18q21.32

Pathway Activation of BH3-only proteins, organism-specific biosystem; Activation of NOXA and translocation to mitochondria, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis Modulation and Signaling, organism-specific biosystem; BH3-only proteins associate with and inactivate anti-apoptotic BCL-2 members, organism-specific biosystem; DNA damage response, organism-specific biosystem; DNA damage response (only ATM dependent), organism-sp

Function protein binding;
