



# Anti-PMAIP1 monoclonal antibody, clone 225D418 (DCABH-3269)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to Noxa
<b>Antigen Description</b>	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.
<b>Immunogen</b>	Fusion protein containing human Noxa.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Mouse, Human
<b>Clone</b>	225D418
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ICC/IF, IHC-P
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	Preservative: 0.02% Sodium Azide; Constituents: PBS
<b>Preservative</b>	0.02% Sodium Azide

<b>Storage</b>	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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## GENE INFORMATION

<b>Gene Name</b>	<a href="#">PMAIP1 phorbol-12-myristate-13-acetate-induced protein 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	PMAIP1
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">5366</a>
<b>Protein Refseq</b>	<a href="#">NP_066950</a>
<b>UniProt ID</b>	<a href="#">Q13794</a>
<b>Chromosome Location</b>	18q21.32
<b>Pathway</b>	Activation of BH3-only proteins, organism-specific biosystem; Activation of NOXA and translocation to mitochondria, organism-specific biosystem; Apoptosis, organism-specific biosystem; BH3-only proteins associate with and inactivate anti-apoptotic BCL-2 members, organism-specific biosystem; Direct p53 effectors, organism-specific biosystem; Intrinsic Pathway for Apoptosis, organism-specific biosystem.
<b>Function</b>	protein binding;