



# Human DIABLO peptide (DAG-P1984)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes an inhibitor of apoptosis protein (IAP)-binding protein. The encoded mitochondrial protein enters the cytosol when cells undergo apoptosis, and allows activation of caspases by binding to inhibitor of apoptosis proteins. Overexpression of the encoded protein sensitizes tumor cells to apoptosis. A mutation in this gene is associated with young-adult onset of nonsyndromic deafness-64. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, May 2013]
<b>Specificity</b>	Ubiquitously expressed with highest expression in testis. Expression is also high in heart, liver, kidney, spleen, prostate and ovary. Low in brain, lung, thymus and peripheral blood leukocytes.
<b>Purity</b>	70 - 90% by HPLC.
<b>Conjugate</b>	Unconjugated
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">DIABLO diablo. IAP-binding mitochondrial protein [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	DIABLO
<b>Synonyms</b>	DIABLO; diablo, IAP-binding mitochondrial protein; SMAC; DFNA64; diablo homolog, mitochondrial; direct IAP-binding protein with low pI; second mitochondria-derived activator of caspase;

<b>Entrez Gene ID</b>	<a href="#">56616</a>
<b>mRNA Refseq</b>	<a href="#">NM_001278302.1</a>
<b>Protein Refseq</b>	<a href="#">NP_001265231.1</a>
<b>UniProt ID</b>	K7X1S0
<b>Chromosome Location</b>	12q24.31
<b>Pathway</b>	Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis Modulation and Signaling, organism-specific biosystem; Apoptotic factor-mediated response, organism-specific biosystem; Caspase cascade in apoptosis, organism-specific biosystem; Intrinsic Pathway for Apoptosis, organism-specific biosystem; Release of apoptotic factors from the mitochondria, organism-specific biosystem; SMAC binds to IAPs, organism-specific biosystem; SMAC-mediated apoptotic response, organ
<b>Function</b>	protein binding;