



# Human BIRC5 blocking peptide (DAG-P1222)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene is a member of the inhibitor of apoptosis (IAP) gene family, which encode negative regulatory proteins that prevent apoptotic cell death. IAP family members usually contain multiple baculovirus IAP repeat (BIR) domains, but this gene encodes proteins with only a single BIR domain. The encoded proteins also lack a C-terminus RING finger domain. Gene expression is high during fetal development and in most tumors, yet low in adult tissues. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jun 2011]
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	BL
<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="#">BIRC5 baculoviral IAP repeat containing 5 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	BIRC5
<b>Synonyms</b>	BIRC5; baculoviral IAP repeat containing 5; API4; EPR-1; baculoviral IAP repeat-containing protein 5; apoptosis inhibitor 4; survivin variant 3 alpha; apoptosis inhibitor survivin;
<b>Entrez Gene ID</b>	<a href="#">332</a>
<b>mRNA Refseq</b>	<a href="#">NM_001012270.1</a>

<b>Protein Refseq</b>	<a href="#">NP_001012270.1</a>
<b>UniProt ID</b>	O15392
<b>Chromosome Location</b>	17q25
<b>Pathway</b>	Apoptosis, organism-specific biosystem; Apoptosis Modulation and Signaling, organism-specific biosystem; Aurora A signaling, organism-specific biosystem; Aurora B signaling, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Colorectal cancer, organism-specific biosystem; Colorectal cancer, conserved biosystem; FOXM1 transcription factor network, organism-specific biosystem; Hepatitis B, organism-specific biosystem; Hippo signa
<b>Function</b>	Ran GTPase binding; chaperone binding; cobalt ion binding; cofactor binding; cysteine-type endopeptidase inhibitor activity; cysteine-type endopeptidase inhibitor activity involved in apoptotic process; enzyme binding; identical protein binding; metal ion