



## BRD4 peptide (DAG-P1415)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	The protein encoded by this gene is homologous to the murine protein MCAP, which associates with chromosomes during mitosis, and to the human RING3 protein, a serine/threonine kinase. Each of these proteins contains two bromodomains, a conserved sequence motif which may be involved in chromatin targeting. This gene has been implicated as the chromosome 19 target of translocation t(15;19)(q13;p13.1), which defines an upper respiratory tract carcinoma in young people. Two alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2008]
<b>Specificity</b>	Ubiquitously expressed.
<b>Purity</b>	70 - 90% by HPLC.
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Contains 2 bromo domains.
<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="#">BRD4 bromodomain containing 4 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	BRD4
<b>Synonyms</b>	BRD4; bromodomain containing 4; CAP; MCAP; HUNK1; HUNKI; bromodomain-containing protein 4; bromodomain-containing 4; chromosome-associated protein;

<b>Entrez Gene ID</b>	<a href="#">23476</a>
<b>mRNA Refseq</b>	<a href="#">NM_014299.2</a>
<b>Protein Refseq</b>	<a href="#">NP_055114.1</a>
<b>UniProt ID</b>	O60885
<b>Chromosome Location</b>	19p13.1
<b>Function</b>	DNA binding; chromatin binding; histone acetyl-lysine binding; p53 binding; protein binding;