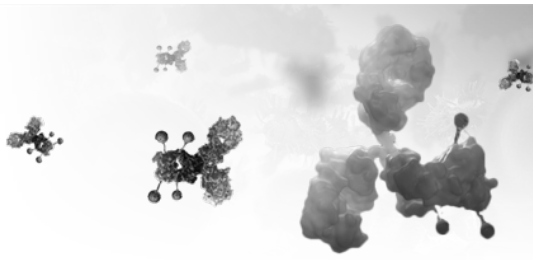

Human TP53BP2 peptide (DAG-P1331)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the ASPP (apoptosis-stimulating protein of p53) family of p53 interacting proteins. The protein contains four ankyrin repeats and an SH3 domain involved in protein-protein interactions. It is localized to the perinuclear region of the cytoplasm, and regulates apoptosis and cell growth through interactions with other regulatory molecules including members of the p53 family. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Specificity	Widely expressed. Expressed in spleen, thymus, prostate, testis, ovary, small intestine, colon and peripheral blood leukocyte. Reduced expression in breast carcinomas expressing a wild-type TP53 protein. Overexpressed in lung cancer cell lines.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the ASPP family.Contains 2 ANK repeats.Contains 1 SH3 domain.
Format	Liquid
Preservative	None
Storage	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

Gene Name	TP53BP2 tumor protein p53 binding protein, 2 [Homo sapiens (human)]
Official Symbol	TP53BP2
Synonyms	TP53BP2; tumor protein p53 binding protein, 2; BBP; 53BP2; ASPP2; P53BP2; PPP1R13A; apoptosis-stimulating of p53 protein 2; BCL2-binding protein; renal carcinoma antigen NY-REN-51; tumor suppressor p53-binding protein 2; apoptosis-stimulating protein of p53, 2;

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Entrez Gene ID	7159
mRNA Refseq	NM_001031685.2
Protein Refseq	NP_001026855.2
UniProt ID	Q13625
Chromosome Location	1q41
Pathway	Direct p53 effectors, organism-specific biosystem; Hippo signaling pathway, organism-specific biosystem; Hippo signaling pathway, conserved biosystem; Integrated Pancreatic Cancer Pathway, organism-specific biosystem;
Function	NF-kappaB binding; SH3 domain binding; SH3/SH2 adaptor activity; identical protein binding; protein binding;

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