



Human WDR5 blocking peptide (DAG-P2039)

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 WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartate (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This protein contains 7 WD repeats. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	BL
Sequence Similarities	Belongs to the WD repeat WDR5/wds family. Contains 7 WD repeats.
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	WDR5 WD repeat domain 5 [Homo sapiens (human)]
Official Symbol	WDR5
Synonyms	WDR5; WD repeat domain 5; SWD3; BIG-3; WD repeat-containing protein 5; WD-repeat protein 5; BMP2-induced 3-kb gene protein; SWD3, Set1c WD40 repeat protein, homolog;
Entrez Gene ID	11091

mRNA Refseq	NM_017588.2
Protein Refseq	NP_060058.1
UniProt ID	P61964
Chromosome Location	9q34
Pathway	Chromatin modifying enzymes, organism-specific biosystem; Chromatin organization, organism-specific biosystem; Circadian rhythm pathway, organism-specific biosystem; HATs acetylate histones, organism-specific biosystem;
Function	contributes_to histone acetyltransferase activity (H4-K16 specific); contributes_to histone acetyltransferase activity (H4-K5 specific); contributes_to histone acetyltransferase activity (H4-K8 specific); contributes_to histone methyltransferase activity