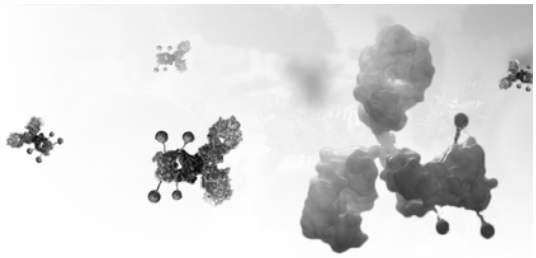

Human UBE2A blocking peptide (DAG-P1809)

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

PRODUCT INFORMATION

Antigen Description	The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, ubiquitin-conjugating enzymes, and ubiquitin-protein ligases. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is required for post-replicative DNA damage repair, and may play a role in transcriptional regulation. Mutations in this gene are associated with mental retardation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]
Conjugate	Unconjugated
Applications	BL, ICH-M
Sequence Similarities	Belongs to the ubiquitin-conjugating enzyme family.
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	UBE2A ubiquitin-conjugating enzyme E2A [Homo sapiens (human)]
Official Symbol	UBE2A
Synonyms	UBE2A; ubiquitin-conjugating enzyme E2A; UBC2; HHR6A; MRXSN; RAD6A; MRXS30; ubiquitin-conjugating enzyme E2 A; RAD6 homolog A; ubiquitin-protein ligase A; ubiquitin carrier protein A;

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Entrez Gene ID	7319
mRNA Refseq	NM_001282161.1
Protein Refseq	NP_001269090.1
UniProt ID	P49459
Chromosome Location	Xq24
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing and presentation, organism-specific biosystem; Immune System, organism-specific biosystem; Ubiquitin mediated proteolysis, organism-specific biosystem; Ubiquitin mediated proteolysis, conserved biosystem;
Function	ATP binding; protein binding; ubiquitin protein ligase binding; ubiquitin-protein ligase activity;

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