



Human OTUD5 blocking peptide (CDBP1065)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-DUBA antibody
Antigen Description	This gene encodes a member of the OTU (ovarian tumor) domain-containing cysteine protease superfamily. The OTU domain confers deubiquitinase activity and the encoded protein has been shown to suppress the type I interferon-dependent innate immune response by cleaving the polyubiquitin chain from an essential type I interferon adaptor protein. Cleavage results in disassociation of the adaptor protein from a downstream signaling complex and disruption of the type I interferon signaling cascade. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Oct 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	OTUD5 OTU deubiquitinase 5 [Homo sapiens (human)]
Official Symbol	OTUD5
Synonyms	OTUD5; OTU deubiquitinase 5; DUBA; OTU domain-containing protein 5; OTU domain

containing 5; deubiquinating enzyme A; deubiquitinating enzyme A;

Entrez Gene ID	55593
mRNA Refseq	NM_001136157.1
Protein Refseq	NP_001129629.1
UniProt ID	Q96G74
Chromosome Location	Xp11.23
Pathway	Gastric cancer network 2, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Negative regulators of RIG-I/MDA5 signaling, organism-specific biosystem; RIG-I-like receptor signaling pathway, organism-specific biosystem; RIG-I-like receptor signaling pathway, conserved biosystem; RIG-I/MDA5 mediated induction of IFN-alpha/beta pathways, organism-specific biosystem;
Function	ubiquitin-specific protease activity;