



OTUD5 blocking peptide (CDBP5874)

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 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]
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Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-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
Protein Refseq	NP_001129629
UniProt ID	Q96G74
Pathway	Gastric cancer network 2; Immune System; Innate Immune System; Negative regulators of RIG-I/MDA5 signaling; RIG-I-like receptor signaling pathway; RIG-I/MDA5 mediated induction of IFN-alpha/beta pathways
Function	ubiquitin-specific protease activity