

Product datasheet for **CF504447**

CNOT4 Mouse Monoclonal Antibody [Clone ID: OTI3D11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3D11
Applications:	FC, WB
Recommended Dilution:	WB 1:2000, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 190-455 of human CNOT4(NP_037448) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	70.2 kDa
Gene Name:	CCR4-NOT transcription complex subunit 4
Database Link:	NP_037448 Entrez Gene 53621 Mouse Entrez Gene 312227 Rat Entrez Gene 4850 Human O95628



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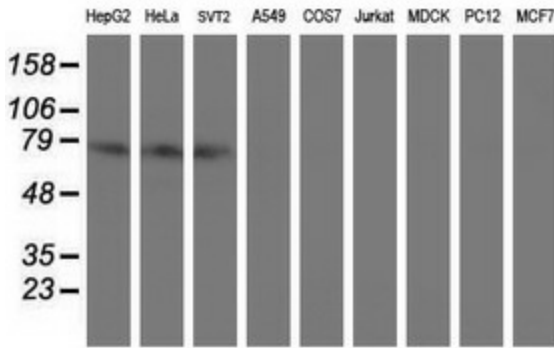
Background: The protein encoded by this gene is a subunit of the CCR4-NOT complex, a global transcriptional regulator. The encoded protein interacts with CNOT1 and has E3 ubiquitin ligase activity. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2010]

Synonyms: CLONE243; NOT4; NOT4H

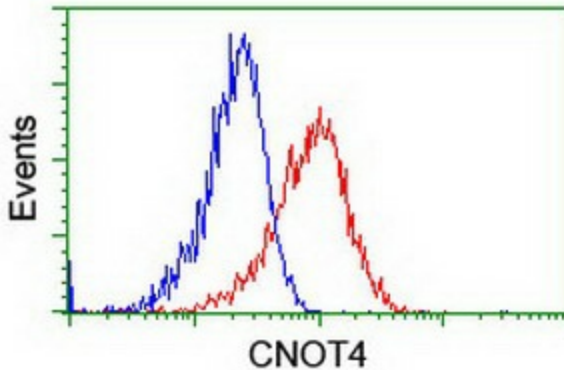
Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: RNA degradation

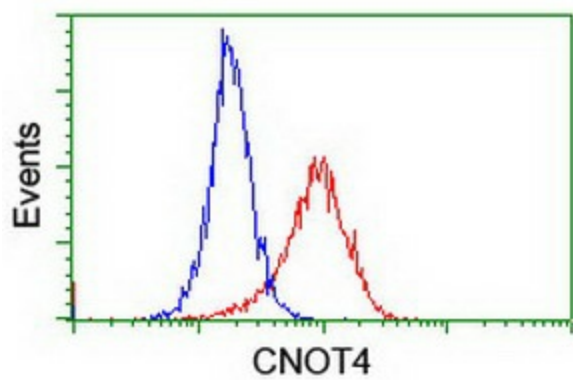
Product images:



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-CNOT4 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



Flow cytometric Analysis of HeLa cells, using anti-CNOT4 antibody (TA504447), (Red), compared to a nonspecific negative control antibody, (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-CNOT4 antibody ([TA504447]), (Red), compared to a nonspecific negative control antibody, (Blue).