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Product datasheet for TA504474BM

CNOT4 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI4B2]

Product data:

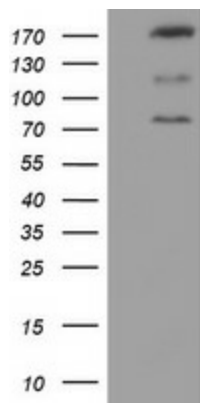|	
Product Type:	Primary Antibodies
Clone Name:	OTI4B2
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 190-455 of human CNOT4(NP_037448) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	HRP
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 MouseEntrez Gene 312227 RatEntrez Gene 4850 Human O95628
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.
Synonyms:	CLONE243; NOT4; NOT4H

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Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: RNA degradation

Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CNOT4 ([RC217418], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CNOT4. Positive lysates [LY415669] (100ug) and [LC415669] (20ug) can be purchased separately from OriGene.