CNOT7 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CNOT7, Monoclonal Antibody
Full Product Name	CNOT7 (CCR4-NOT Transcription Complex, Subunit 7, CAF1, hCAF-1) (MaxLight 550)
Product Gene Name	anti-CNOT7 antibody
Product Synonym Names	CCR4-NOT Transcription Complex; Subunit 7; CAF1; hCAF-1
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	2C4
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified
Specificity	Recognizes CNOT7.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Immunogen	CNOT7 (AAH60852, 1aa-285aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MPAATVDHSQRICEVWACNLDEEMKKIRQVIRKYNYVAMDTEFPGVVARPIGEFRSNADYQYQLLRCNVDLLKIIQLGLTFMNEQGEYPPGTSTWQFNFK
Conjugate	MaxLight550
Product Categories/Family for anti-CNOT7 antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-CNOT7 antibody	FLISA
Application Notes for anti-CNOT7 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CNOT7 antibody	The protein encoded by this gene binds to an anti-proliferative protein, B-cell translocation protein 1, which negatively regulates cell proliferation. Bindir gene results in two transcript variants encoding different isoforms. [provided by RefSeq]
Other Notes	Small volumes of anti-CNOT7 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces
Searchable Terms for CNOT7 purchase	MBS6216367 is an antibody targeting CNOT7. Also known as CNOT7 (CCR4-NOT Transcription Complex, Subunit 7, CAF1, hCAF-1) (MaxLight 550).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CNOT7. It may not necessarily be applicable to this product.

NCBI GI #	38174538
NCBI GeneID	29883
NCBI Accession #	AAH60852
UniProt Related Accession #	Q9UIV1
NCBI Official Full Name	CCR4-NOT transcription complex, subunit 7
NCBI Official Synonym Full Names	CCR4-NOT transcription complex subunit 7
NCBI Official Symbol	CNOT7
NCBI Official Synonym Symbols	CAF1; CAF-1; Caf1a; hCAF-1
Protein Family	CCR4-NOT transcription complex
NCBI Protein Information	CCR4-NOT transcription complex subunit 7
NCBI Summary for CNOT7	The protein encoded by this gene binds to an anti-proliferative protein, B-cell translocation protein 1, which negatively regulates cell proliferation. Binding of the two proteins, which is driven by phosphorylation of the anti-proliferative protein, causes signaling events in cell division that lead to changes in cell proliferation associated with cell-cell contact. The encoded protein downregulates the innate immune response and therefore provides a therapeutic target for enhancing its antimicrobial activity against foreign agents. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 1 and X. [provided by RefSeq, Apr 2016]
Research Articles on CNOT7	**1.** Data show that incorporation of ATP-dependent RNA helicase eIF4A-2 (eIF4A2) into the CCR4-NOT complex inhibits CCR4-NOT transcription complex subunit 7 (CNOT7) deadenylation activity.
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