CNOT3 mouse mAb

Catalog No	BYmab-17689
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	CNOT3 KIAA0691 LENG2 NOT3
Protein Name	CCR4-NOT transcription complex subunit 3 (CCR4-associated factor 3) (Leukocyte receptor cluster member 2)
Immunogen	Synthesized peptide derived from human CNOT3
Specificity	This antibody detects endogenous levels of CNOT3 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, and 0.582% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	83kD
Cell Pathway	Cytoplasm . Nucleus . Cytoplasm, P-body . NANOS2 promotes its localization to P-body
Tissue Specificity	Ubiquitous. Highly expressed in brain, heart, thymus, spleen, kidney, liver, small intestine, lung and peripheral blood leukocytes.
Function	Component of the CCR4-NOT complex which is one of the major cellular mRNA deadenylases and is linked to various cellular processes including bulk mRNA degradation, miRNA-mediated repression, translational repression during translational initiation and general transcription regulation. Additional complex functions may be a consequence of its influence on mRNA expression. May be involved in metabolic regulation; may be involved in recruitment of the CCR4-NOT complex to deadenylation target mRNAs involved in energy metabolism. Involved in mitotic progression and regulation of the spindle assembly checkpoint by regulating the stability of MAD1L1 mRNA. Can repress transcription and may link the CCR4-NOT complex to transcriptional regulation; the repressive function may involve histone deacetylases. Involved in the maintenance of embryonic stem

	(ES) cell identity.
Background	
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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