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MYCBP Antibody (monoclonal) (M08)

Mouse monoclonal antibody raised against a partial recombinant MYCBP.
Catalog # AT2946a

Product Information

Application	WB, IF, E
Primary Accession	Q99417
Other Accession	NM_012333
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1F10
Calculated MW	11967

Additional Information

Gene ID	26292
Other Names	C-Myc-binding protein, Associate of Myc 1, AMY-1, MYCBP, AMY1
Target/Specificity	MYCBP (NP_036465.2, 34 a.a. ~ 103 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	MYCBP Antibody (monoclonal) (M08) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

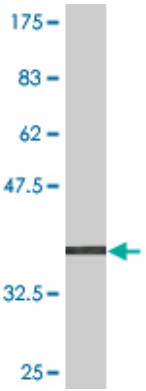
The MYCBP gene encodes a protein that binds to the N-terminal region of MYC (MIM 190080) and stimulates the activation of E box-dependent transcription by MYC.

References

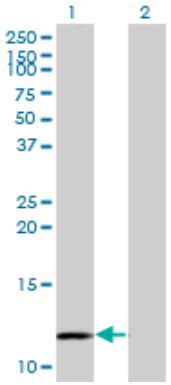
Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732.c-myc promoter binding protein regulates the cellular response to an altered glucose concentration. Sedoris KC, et al. Biochemistry, 2007 Jul 24. PMID 17595061.AMY-1 (associate of Myc-1) localization to the trans-Golgi network through interacting

with BIG2, a guanine-nucleotide exchange factor for ADP-ribosylation factors. Ishizaki R, et al. Genes Cells, 2006 Aug. PMID 16866877.A human protein-protein interaction network: a resource for annotating the proteome. Stelzl U, et al. Cell, 2005 Sep 23. PMID 16169070.

Images

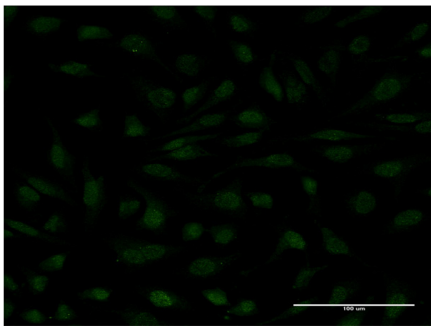


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (33.44 KDa) .

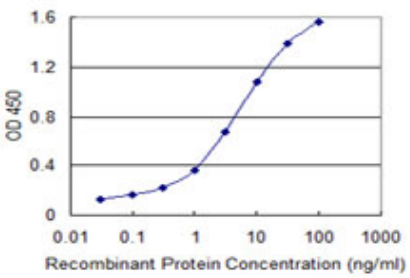


Western Blot analysis of MYCBP expression in transfected 293T cell line by MYCBP monoclonal antibody (M08), clone 1F10.

Lane 1: MYCBP transfected lysate(12 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence of monoclonal antibody to MYCBP on HeLa cell . [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged MYCBP is 0.03 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.