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MYCBP Antibody (monoclonal) (M13)

Mouse monoclonal antibody raised against a partial recombinant MYCBP.
Catalog # AT2947a

Specification

MYCBP Antibody (monoclonal) (M13) - Product Information

Application	**WB, E**
Primary Accession	Q99417
Other Accession	NM_012333
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**11967**

MYCBP Antibody (monoclonal) (M13) - 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

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) (M13) is for research use only and not for use in diagnostic or therapeutic procedures.

MYCBP Antibody (monoclonal) (M13) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

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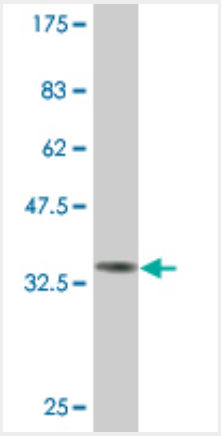
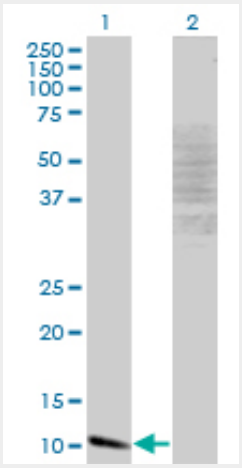
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MYCBP Antibody (monoclonal) (M13) - Images

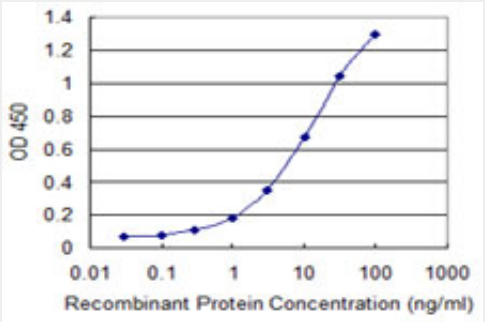


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (33.44 KDa) .



Western Blot analysis of MYCBP expression in transfected 293T cell line by MYCBP monoclonal antibody (M13), clone 1B12.

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



Detection limit for recombinant GST tagged MYCBP is 0.1 ng/ml as a capture antibody.

MYCBP Antibody (monoclonal) (M13) - 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.

MYCBP Antibody (monoclonal) (M13) - 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.