Myc-Tag Mouse Monoclonal Antibody

Catalog No: #T504

Package Size: #T504-1 50ul #T504-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

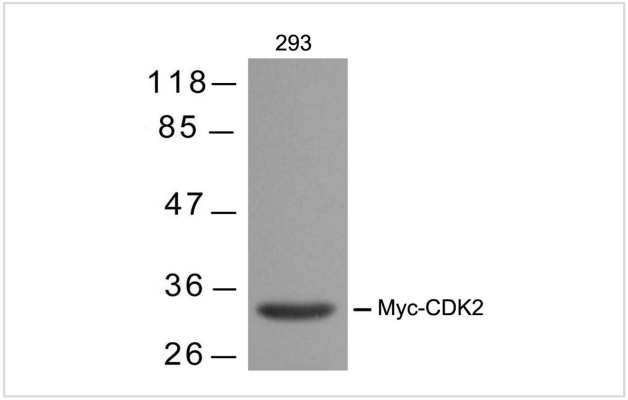
Description

Product Name	Myc-Tag Mouse Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	9E10
Isotype	IgG1
Purification	Antibodies were produced from mice ascites by injecting mice with a monoclonal cell line which was fusioned by mouse spleen and SP2/0 myeloma cell. Spleen cells were isolated from mice by immunizing with synthetic peptide and KLH conjugates.
Applications	WB
Specificity	The mouse mAb detects transfected proteins containing the Myc epitope tag. The antibody recognizes the Myc-tag fused to either the amino- or carboxy- terminus of targeted proteins in transfected cells.
Immunogen Type	Peptide
Immunogen Description	Peptide sequence around aa. 410-419 (EQKLISEEDL) derived from human c-Myc.
Conjugates	Unconjugated
Target Name	Myc-Tag
Accession No.	NCBI Protein: NP_002458.2
Concentration	1.0mg/ml
Formulation	Supplied in mice ascites
Storage	Store at 4°C for short term use. Store at -20°C for long term preservation. Avoid freezing and thawing repeatly.

Application Details

Western blotting: 1:5000~1:10000

Images



Western blot analysis of extracts from 293 cells transfected with Myc-CDK2 using Myc-Tag mouse mAb #T504.

Background

Epitope tags are artificial epitopes useful for the labeling and detection of proteins. Epitope tags - short amino acid sequences are 'fused' to the N- or C-terminus of the protein.

Munro, S. and Pelham, H.R. (1984) EMBO J. 3, 3087-3093.

Published Papers

TaoChen, Jingjie Li et al, el at., PKCθ phosphorylates MIIP and promotes colorectal cancer metastasis through inhibition of RelA deacetylation., Nature Communications, 8(1):939. doi: 10.1038/s41467-017-01024-2.(2017 Oct 16)

PMID:29038521

Ting Wangı ε- iujing Yu Li et al el at., GlcNAcylation of fumarase maintains tumour growth under glucose deficiency., Nature Cell Biology, doi: 10.1038/ncb3562(2017)

PMID:28628081

el at., O-GlcNAcylation of PFKFB3 is required for tumor cell proliferation under hypoxia.In Oncogenesis on 2020 Feb 14 by Lei Y, Chen T, et al..PMID:32060258, , (2020)

PMID:32060258

el at., O-GlcNAcylation of Fumarase Maintains Tumour Growth Under Glucose Deficiency .In Nat Cell Biol ON 2017 Jul by Ting Wang , Qiujing Yu,et al..PMID: 28628081, , (2017)

PMID:28628081

el at., PKCθ phosphorylates MIIP and promotes colorectal cancer metastasis through inhibition of RelA deacetylation.In Nat Commun on 2017 Oct 16 by Tao Chen, Jingjie Li ,et al..PMID: 29038521, , (2017)

PMID:29038521

Note: This product is for in vitro research use only and is not intended for use in humans or animals.