

MNAT1 mouse monoclonal antibody (hybridoma)

Catalog # H00004331-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant MNAT1.
Immunogen	MNAT1 (NP_002422.1, 1 a.a. ~ 309 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDDQGCPRCKTTKYRNPSLKLMMVNVCGHTLCESVDLLFVRGAGNCPECGTPLRKSNNFRVQLF EDPTVDKEVEIRKKVLKIYNKREEDFPSLREYNDFLEEVEEMFNLTNNVDLDNTKKKMEIYQKENK DVIQKNKLKLTREQEELEEALEVERQENEQRRLFIQKEEQLQQILKRKNKQAFLELESSDLPVAL LLAQHKDRSTQLEMQLKPKVPKPVTFSTGKMGQHISLAPIHKLEEALYEYQPLQIETYGPHVPEL EMLGRLGYLNHVRAASPQDLAGGYTSSLACHRALQDAFSGLFWQPS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — MNAT1

Entrez GeneID	4331
GeneBank Accession#	NM_002431.2
Protein Accession#	NP_002422.1
Gene Name	MNAT1
Gene Alias	MAT1, RNF66, TFB3
Gene Description	menage a trois homolog 1, cyclin H assembly factor (Xenopus laevis)
Omim ID	602659
Gene Ontology	Hyperlink
Gene Summary	Cyclin-dependent kinases (CDKs), which play an essential role in cell cycle control of eukaryotic cells, are phosphorylated and thus activated by the CDK-activating kinase (CAK). CAK is a multisubunit protein that includes CDK7 (MIM 601955), cyclin H (CCNH; MIM 601953), and MAT1. MAT1 (for 'menage a trois-1') is involved in the assembly of the CAK complex.[supplied by OMIM]
Other Designations	cyclin G1 interacting protein cyclin H assembly factor menage a trois 1 (CAK assembly factor)

Pathway

- [Nucleotide excision repair](#)

Disease

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Lung Neoplasms](#)
- [Multiple Sclerosis](#)
- [Neoplasms](#)

- [Recurrence](#)
- [Tobacco Use Disorder](#)