



## MAT1-p32 / MNAT1 Monoclonal Antibody

Cat No: G01020 - 100 µL

### General Data

<b>Shipping:</b>	wet ice
<b>Formulation:</b>	Liquid Ascite, does not contain any preservative therefore avoid repeat freezing and thawing cycles
<b>Host:</b>	Mouse
<b>Antigen:</b>	Synthetic peptide
<b>Clone:</b>	2D3
<b>Isotype:</b>	IgG1, κ



<b>Application(s):</b>	ELISA Western Blot Immunocytochemistry recommended dilution:1/500-1/5000
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**Specificity:** human MAT1-p32.

### Product Overview

MAT1 also known as MNAT1 belong to the complex of Cyclin dependent kinase-activating kinase, together with CDK-7 and Cyclin H where it plays the key role for regulating the activity of the complex. It is also playing a significant role in cell cycle, transcription and differentiation.

### Scientific Literature

Busso D, Keriel A, Sandrock B, Poterszman A, Gileadi O, Egly JM. Distinct regions of MAT1 regulate cdk7 kinase and TFIIF transcription activities. *J Biol Chem.* 2000 Jul 28;275(30):22815-23

Andersen G, Busso D, Poterszman A, Hwang JR, Wurtz JM, Ripp R, Thierry JC, Egly JM, Moras D. The structure of cyclin H: common mode of kinase activation and specific features. *EMBO J.* 1997 Mar 3;16(5):958-67.

FP/22/24

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#### Contact Bertin Bioreagent

Parc d'Activités du Pas du Lac  
10 bis avenue Ampère  
78180 Montigny le Bretonneux - France  
Tel.: +33 (0)139 306 036

<https://www.bertin-bioreagent.com/pa206/contact-us>  
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