

Product datasheet

anti-Cdk7 mouse monoclonal, Mo-1.1, lyophilized, purified

Short overview

Cat. No.	61063
Quantity	50 µg
Concentration	50 µg/ml after reconstitution with 1 ml dist. water

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG2b
Clone	MO-1.1
Immunogen	Recombinant C-terminal 221 aa fragment of human wild-type cdk7/CAK (cyclin activating kinase)
Formulation	Lyophilized; reconstitute in 1 ml dist. water (final solution contains 0.09% sodium azide, 0.5% BSA in PBS buffer, pH 7.4)
UniprotID	P50613 (Human), Q03147 (Mouse)
Synonym	Cyclin-dependent kinase 7, EC 2.7.11.22, EC 2.7.11.23, 39 kDa protein kinase, p39 Mo15, CDK-activating kinase 1, Cell division protein kinase 7, Serine/threonine-protein kinase 1, TFIIH basal transcription factor complex kinase subunit, CDK7, CAK, CAK1, CDKN7, MO15, STK1
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage before reconstitution	2-8°C until indicated expiry date
Storage after reconstitution	Up to 3 months at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	FACS, ICC/IF, IHC, IP, WB
Reactivity	Human, Mouse

Applications

Flow Cytometry (FACS)	Assay dependent
Immunocytochemistry (ICC)	Assay dependent
Immunohistochemistry (IHC) - frozen	1:10-1:20
Immunoprecipitation (IP)	Assay dependent
Western Blot (WB)	Assay dependent

Background

Mo-1.1 recognizes the key cell cycle regulator cdk7, which is essential to activate the cdk2 kinase in G1 phase and the cdc2 kinase in G2/M phase. The antibody is useful for cell cycle analysis, cell proliferation studies and for immunohistochemistry.

PROGEN Biotechnik GmbH | Maaßstraße 30 | D-69123 Heidelberg

Tel.: +49 (0) 6221 8278-0 | Fax: +49 (0) 6221 8278-24 | Email: info@progen.com | Web: www.progen.com

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Product images



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