

Anti-Cyclin A1 Antibody [XLA1-1] (A250929)

Specifications:

Name:	Anti-Cyclin A1 Antibody [XLA1-1]
Description:	Mouse monoclonal [XLA1-1] antibody to Cyclin A1.
Specificity:	The critical role that the family of regulatory proteins known as cyclins play in eukaryotic cell cycle regulation is well established. The best-characterized cyclin complex is the mitotic cyclin B/Cdc2 p34 kinase, the active component of maturing promoting factor. Cyclin A accumulates prior to cyclin B in the cell cycle, appears to be involved in control of S phase and has been shown to associate with cyclin-dependent kinase-2 (Cdk2). In addition, cyclin A has been implicated in cell transformation and is found in complexes with E1A, transcription factors DRTF1 and E2F, and retinoblastoma protein p110. A second form of cyclin A, named cyclin A1 because of its high sequence homology to Xenopus cyclin A1, is most highly expressed in germ cells. It has been proposed that cyclin A1 can associate with Cdk2, p39 and Cdc2 p34. The antibody detects Xenopus cyclin A in blots. Cyclin A1 is the embryonic cyclin which is present in Xenopus eggs. This MAb only detects Xenopus Cyclin A1.
Applications:	WB
Recommended Dilutions:	WB: 1-2 µg/ml
Reactivity:	Xenopus laevis
Immunogen:	Recombinant full-length Cyclin A1 protein.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	XLA1-1
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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Specifications continued:

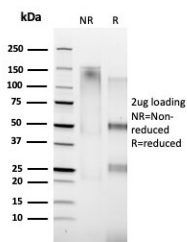
General Notes:

This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-Cyclin A1 Antibody [XLA1-1] - BSA and Azide free (A254109).

Disclaimer:

This product is for research use only. It is not intended for diagnostic or therapeutic use.

Images:



SDS-PAGE analysis of Anti-Cyclin A1 Antibody [XLA1-1] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.