

## Cyclin A2 Rabbit Monoclonal Antibody

### Catalog #: EAB21804

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Monoclonal	WB, IHC-P, IF/ICC	49	Human, Mouse, Rat

### Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB(Western Blotting)	1:500-2000
IHC-P(Immunohistochemistry-Paraffin)	1:50-200
IF/ICC(Immunofluorescence/Immunocytochemistry)	1:50-200

### Product Information

Conjugate	Unconjugate
Specificity	Cyclin A2 Rabbit Monoclonal Antibody detects endogenous levels of Cyclin A2 protein.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks
UniProt ID	<a href="#">P20248</a>
Entrez-Gene Id	<a href="#">890</a>

### Product Description

Cyclin A2 is a member of the cyclin AB subfamily, cyclin family of proteins. Cyclin A2 is ubiquitously expressed, in contrast to CyclinA1 that only appears in late pachytene spermatocytes. It associates with CDK1 during G2 and M phase, and CDK2 in S phase, of the cell cycle. Binding to SCAPER restricts Cyclin A2 to the cytoplasm. In both compartments, it provides substrate specificity to a phosphorylating complex that promotes entry into, and progression through, mitosis.

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