Anti-Cyclin A2 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R011128

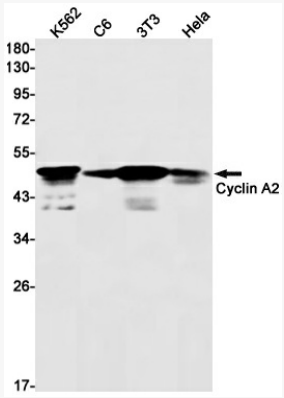
Product Information

Application	WB, IHC-F/IF (Tissue-F), IHC-P/IF (Tissue-P), ICC/IF (Cell), IP, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	87L95M90
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human Cyclin A2
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Cyclin A2 antibody [87L95M90] is for research use only and not for use in diagnostic or therapeutic procedures.

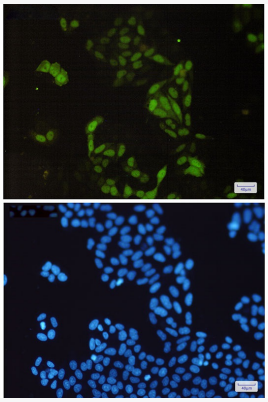
Protein Information

Synonyms	CCN1, CCNA.
Calculated MW	Calculated MW: 49 kDa; Observed MW: 49 kDa
Uniprot ID	P20248
Gene ID	890
Background	The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. In contrast to cyclin A1, which is present only in germ cells, this cyclin is expressed in all tissues Ted. This cyclin binds and activates CDC2 or CDK2 kinases, and thus promotes both cell cycle G1/S and G2/M transitions.

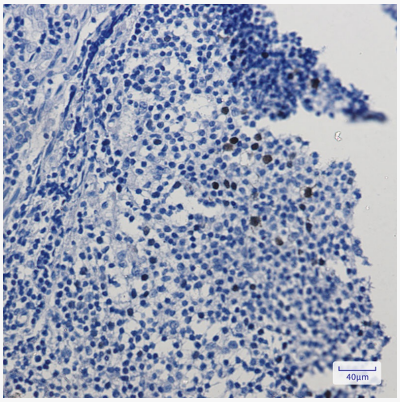
Validation Images



Western blot analysis of Cyclin A2 in K562, C6, 3T3, Hela lysates using Cyclin A2 antibody.



Immunocytochemistry analysis of Cyclin A2(green) in Hela using Cyclin A2 antibody and DAPI (blue)



Immunohistochemistry analysis of paraffin-embedded Human tonsil using Cyclin A2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.