

Anti-Cyclin A2 Rabbit mAb

Purified Rabbit Monoclonal Antibody

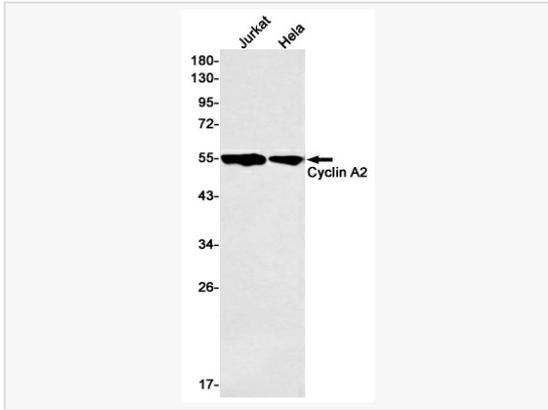
Catalog # R010752

Product Information

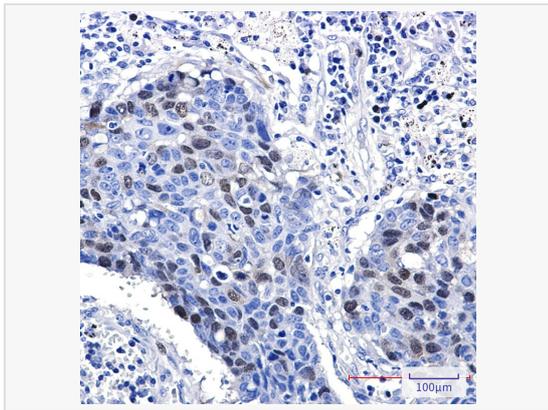
Application	WB, IHC-F/IF (Tissue-F), IHC-P/IF (Tissue-P), ICC/IF (Cell), IP, ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	12M82L35
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human Cyclin A2
Format	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 [12M82L35] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

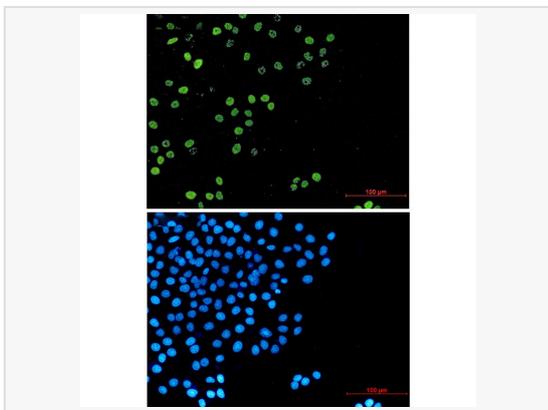
Synonyms	CCN1, CCNA.
Calculated MW	Calculated MW: 49 kDa; Observed MW: 55 kDa
Uniprot ID	P20248
Gene ID	890
Background	The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. 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. This cyclin binds and activates CDC2 or CDK2 kinases, and thus promotes both cell cycle G1/S and G2/M transitions.



Western blot analysis of Cyclin A2 in Jurkat, HeLa lysates using Cyclin A2 antibody.



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



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