

Recombinant CDKN2A/p14ARF Monoclonal Antibody

catalog number: AN301615L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

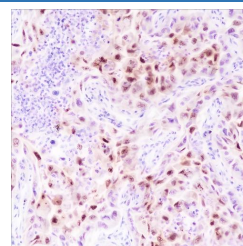
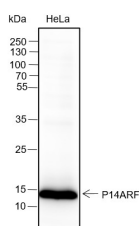
Reactivity	Human
Immunogen	Recombinant human CDKN2A/p14ARF fragment
Host	Rabbit
Isotype	IgG, κ
Clone	C311238
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:500-1:2000
IHC	1:200-1:1000
IF	1:50
IP	1:50-1:100

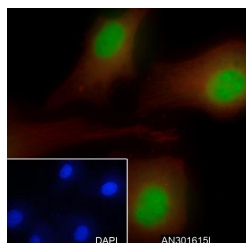
Data



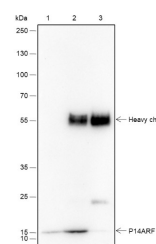
Western Blot with CDKN2A/p14ARF Monoclonal Antibody at dilution of 1:2000. Lane 1: HeLa

Immunohistochemistry of paraffin-embedded Human lung squamous carcinoma using CDKN2A/p14ARF Monoclonal Antibody at dilution of 1:1000.

Observed-MW:14 kDa
Calculated-MW:14 kDa



Immunofluorescent analysis of (4% Paraformaldehyde) fixed HeLa cells using anti-CDKN2A/p14ARF Monoclonal Antibody at dilution of 1:50.



Immunoprecipitation analysis using anti-CDKN2A/p14ARF Monoclonal Antibody. Western blot was performed from the immunoprecipitate using CDKN2A/p14ARF Monoclonal Antibody at a dilution of 1:100. Lane 1: 5% Input, Lane 2: CDKN2A/p14ARF Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype
Observed-MW:14 kDa
Calculated-MW:14 kDa

Preparation & Storage

Storage

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.1

Shipping

Ice bag

Background

Capable of inducing cell cycle arrest in G1 and G2 phases. Acts as a tumor suppressor. Binds to MDM2 and blocks its nucleocytoplasmic shuttling by sequestering it in the nucleolus. This inhibits the oncogenic action of MDM2 by blocking MDM2-induced degradation of p53 and enhancing p53-dependent transactivation and apoptosis. Also induces G2 arrest and apoptosis in a p53-independent manner by preventing the activation of cyclin B1/CDC2 complexes. Binds to BCL6 and down-regulates BCL6-induced transcriptional repression.

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