Recombinant E2F1 Monoclonal Antibody

catalog number: **E-AB-81553**

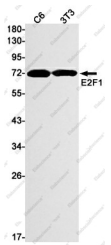
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human E2F1
Host	Rabbit
Isotype	Rabbit IgG
Clone	C113339
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:20-1:100
IF	1:50-1:100

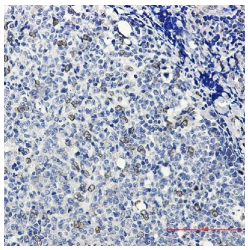
Data



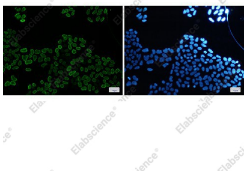
Western blot detection of E2F1 in C6,3T3 cell lysates using E2F1 Rabbit mAb(1:1000 diluted).Predicted band size:47kDa.Observed band size:70kDa.

Observed-MW:70 kDa

Calculated-MW:47 kDa



Immunohistochemistry of E2F1 in paraffin-embedded Human tonsil using E2F1 Rabbit mAb at dilution 1:20



Immunofluorescence of E2F1(green) in Hela cells using E2F1 Rabbit mAb at dilution 1:50, and DAPI(blue)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Toll-free: 1-888-852-8623
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The protein encoded by this gene is a member of the E2F family of transcription factors. The E2F family plays a crucial role in the control of cell cycle and action of tumor suppressor proteins and is also a target of the transforming proteins of small DNA tumor viruses. The E2F proteins contain several evolutionally conserved domains found in most members of the family. These domains include a DNA binding domain, a dimerization domain which determines interaction with the differentiation regulated transcription factor proteins (DP), a transactivation domain enriched in acidic amino acids, and a tumor suppressor protein association domain which is embedded within the transactivation domain.

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