

Rev. V1.1



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Recombinant E2F-1 Monoclonal Antibody

catalog number: AN301368L

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

Description

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human E2F-1 protein

HostRabbitIsotypeIgG,κCloneB1135PurificationProtein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB 1:2000-1:10000

Data



Western Blot with Recombinant E2F-1 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: PC-3 whole cell lysate.

Observed-MW:60 kDa Calculated-MW:47 kDa

Preparation & Storage

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

Shipping lce bag

Background

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. This protein and another 2 members, E2F2 and E2F3, have an additional cyclin binding domain. This protein binds preferentially to retinoblastoma protein pRB in a cell-cycle dependent manner.

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