

A19579

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E2F1 Rabbit mAb

Catalog No.: A19579

Recombinant

7 Publications

Basic Information

Observed MW

70kDa

Calculated MW

47kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

IP, ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC0058

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. It can mediate both cell proliferation and p53-dependent/independent apoptosis.

Recommended Dilutions

IP 0.5µg-4µg antibody for
200µg-400µg extracts
of whole cells

ELISA Recommended starting
concentration is 1
µg/mL. Please optimize
the concentration
based on your specific
assay requirements.

Immunogen Information

Gene ID
1869

Swiss Prot
Q01094

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

RBP3; E2F-1; RBAP1; RBBP3; E2F1

Contact

 www.abclonal.com

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.