

Anti-E2F2 Antibody (Monoclonal, 31E60)

Catalog Number: M02896-1

About E2F2

E2F2(E2F transcription factor 2) also called E2F-2, 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 E2F2 gene is mapped to 1p36 by fluorescence in situ hybridization. Electrophoretic mobility shift assays revealed the specific binding of E2F2 to ECE1b promoter sequences containing either allele of the C-338A polymorphism, with the -338A allele being associated with an increased affinity to E2F2. Compared with -338C. The ability of Myc to induce S phase was impaired in the absence of either E2f2 or E2f3 but not E2f1 or E2f4. In contrast, the ability of Myc to induce apoptosis was markedly reduced in cells deleted for E2f1 but not E2f2 or E2f3.

Overview

Product Name	Anti-E2F2 Antibody (Monoclonal, 31E60)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-E2F2 Antibody (Monoclonal, 31E60) catalog # M02896-1. Tested in WB, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, WB
Clonality	Monoclonal 31E60
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q14209

Technical Details

Immunogen	Recombinant protein within Human E2F2 aa 285-413.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.

Suggested Dilutions

Western blot, 1:500-2000
Flow Cytometry (Fixed), 1:50-200

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