

Anti-FOXM1 Antibody (Monoclonal, 33F71)

Catalog Number: M00659

About FOXM1

Forkhead box protein M1, also called FOXM1, is a protein that in humans is encoded by the FOXM1 gene. It is mapped to 12p13.33. The protein encoded by this gene is a member of the FOX family of transcription factors. FOXM1 is known to play a key role in cell cycle progression where endogenous FOXM1 expression peaks at S and G2/M phases and also in the control of cell proliferation. FOXM1 gene is now known as a human proto-oncogene. Abnormal upregulation of FOXM1 is involved in the oncogenesis of basal cell carcinoma, the most common human cancer worldwide. It was hypothesized that FOXM1 induces cancer initiation through stem/progenitor cell expansion. What's more, FOXM1 has been shown to modulate the epigenome. It was found that overexpression of FOXM1 "brain washes" normal cells to adopt cancer-like epigenome.

Overview

Product Name	Anti-FOXM1 Antibody (Monoclonal, 33F71)
Reactive Species	Human, Mouse
Description	Boster Bio Anti-FOXM1 Antibody (Monoclonal, 33F71) catalog # M00659. Tested in WB, IP applications. This antibody reacts with Human, Mouse.
Application	IP, WB
Clonality	Monoclonal 33F71
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	Q08050

Technical Details

Immunogen	Recombinant protein within human FOXM1 aa 3-398.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.

Suggested Dilutions

Western blot, 1:500-2000
ImmunoPrecipitation, 1:50

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