BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-SMC2 Antibody (Monoclonal, 35S22)

Catalog Number: M04804

About SMC2

Structural maintenance of chromosomes protein 2 (SMC-2) also known as chromosome-associated protein E (CAP-E) is a protein that in humans is encoded by the SMC2 gene. Predicted to enable ATP binding activity; chromatin binding activity; and single-stranded DNA binding activity. Involved in mitotic chromosome condensation. Located in condensed chromosome; cytoplasm; and nuclear lumen. Part of condensin complex.

Overview

Product Name	Anti-SMC2 Antibody (Monoclonal, 35S22)
Reactive Species	Human, Monkey
Description	Boster Bio Anti-SMC2 Antibody (Monoclonal, 35S22) catalog # M04804. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Monkey.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal 35S22
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	O95347

Technical Details

Immunogen	Recombinant protein within human SMC2 aa 453-748.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200 Immunocytochemistry/Immunofluorescence, 1:50-200

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For Research Use Only. Not for use in diagnostic procedures.