

## Anti-CARM1 Antibody (Monoclonal, 32C50)

Catalog Number: M01486-2

### About CARM1

CARM1 (coactivator-associated arginine methyltransferase 1), also known as PRMT4, is an enzyme encoded by the CARM1 gene found in human beings, as well as many other mammals. This gene is mapped to 19p13.2. CARM1 is a regulator of cyclin E1 and DHFR mRNA expression. Its main function includes catalyzing the transfer of a methyl group from S-adenosyl-L-methionine to the side chain nitrogens of arginine residues within proteins to form methylated arginine derivatives and S-adenosyl-L-homocysteine. CARM1 is a secondary coactivator through its association with p160 family (SRC-1, GRIP1, AIB) of coactivators. It is responsible for moving cells toward the inner cell mass in developing blastocysts. This gene also plays an important role in androgen receptors and may play a role in prostate cancer progression.

### Overview

Product Name	Anti-CARM1 Antibody (Monoclonal, 32C50)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CARM1 Antibody (Monoclonal, 32C50) catalog # M01486-2. Tested in WB, IHC, IP applications. This antibody reacts with Human, Mouse, Rat.
Application	IP, IHC, WB
Clonality	Monoclonal 32C50
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	Q86X55

### Technical Details

Immunogen	Recombinant protein within human CARM1 aa 103-498.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.

Suggested Dilutions

Western blot, 1:500-2000  
Immunohistochemistry, 1:50-200  
ImmunoPrecipitation, 1:50

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