

Anti-Aurora A/B Kinase Aurkb Monoclonal Antibody

Catalog Number: M00246-3

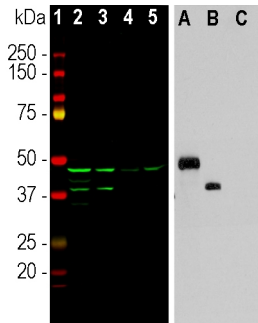
Overview

Product Name	Anti-Aurora A/B Kinase Aurkb Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Aurora A/B Kinase Aurkb Monoclonal Antibody catalog # M00246-3. Tested in IF, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, WB
Clonality	Monoclonal
Formulation	Purified antibody at 1mg/mL in 50% PBS, 50% glycerol plus 5mM NaN ₃
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	Mouse
Uniprot ID	O70126

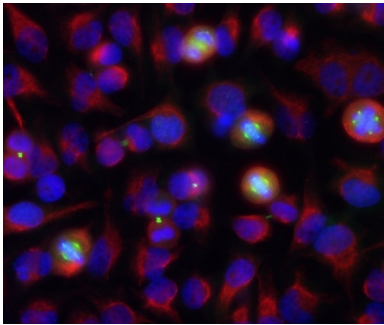
Technical Details

Immunogen	Full length recombinant human Aurora A protein expressed in and purified from E. coli.
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:1,000. IF/ICC or IHC: 1:500-1:1,000.

Anti-Aurora A/B Kinase Aurkb Monoclonal Antibody (M00246-3) Images



Western blot analysis of different cell lysates and recombinant protein solutions using mouse mAb to aurora A/B, M00246-3. Left: cells were treated with 100ng/mL of nocodazol, a microtubule depolymerizing agent which induces cells to halt at G2/M phase, for 6 hours prior western blotting: [1] protein standard, [2] HeLa, [3] canine A72 cells, [4] equine NBL6 cells, and [5] murine KR158 cells. Right: western blot of purified full length human recombinant aurora A, B, C as indicated. Bands at 46kDa and 38kDa correspond to aurora A and B proteins respectively, showing that M00246-3 antibody reacts with these to proteins but not aurora C.



HeLa cell cultures were stained with M00246-3 antibody (green). The antibody stains spindle poles and mitotic spindles at anaphase and concentrates on the midbody between the two daughter cells during telophase. It is therefore a useful marker of dividing cells. Cells were counterstained with our chicken polyclonal antibody to vimentin

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Aurora A/B Kinase Aurkb Monoclonal Antibody