

Anti-Aurora A/B Kinase Aurkb Monoclonal Antibody

Catalog Number: M00246-1

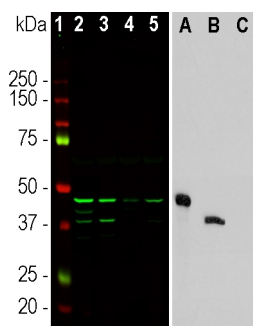
Overview

Product Name	Anti-Aurora A/B Kinase Aurkb Monoclonal Antibody
Reactive Species	Bovine, Equine, Human, Mouse, Pig, Rat
Description	Boster Bio Anti-Aurora A/B Kinase Aurkb Monoclonal Antibody catalog # M00246-1. Tested in IF, IHC, WB applications. This antibody reacts with Bovine, Equine, Human, Mouse, Pig, 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

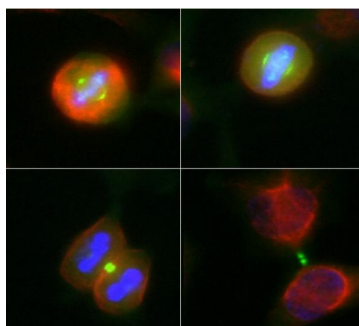
Technical Details

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	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB: 1:1,000-1:2,000. ICC/IF or IHC: 1:1,000-1:2,000.</p>

Anti-Aurora A/B Kinase Aurkb Monoclonal Antibody (M00246-1) Images



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



HeLa cell cultures were stained with M00246-1 antibody (green). The antibody stains spindle poles and mitotic spindles at anaphase (top 2 panels) and concentrates on the midbody between the two daughter cells during telophase (bottom 2 panels). It is therefore a useful marker of dividing cells. Cells were counterstained with our chicken polyclonal antibody to vimentin in red. Blue is a DNA stain.

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