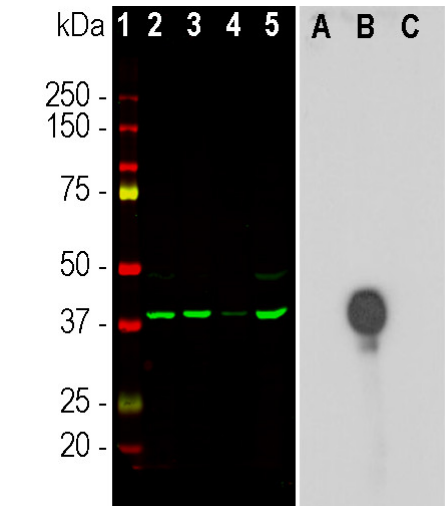


Aurora B Monoclonal Antibody (3F11)

| Product Details | |
|--------------------|--|
| Size | 100 µL |
| Species Reactivity | Dog, Horse, Human, Mouse |
| Host/Isotype | Mouse / IgG2a |
| Class | Monoclonal |
| Type | Antibody |
| Clone | 3F11 |
| Conjugate | Unconjugated |
| Immunogen | Full length recombinant human aurora B protein expressed in and purified from E. coli. |
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | Protein A/G |
| Storage buffer | PBS with 50% glycerol |
| Contains | 5mM sodium azide |
| Storage conditions | Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. |

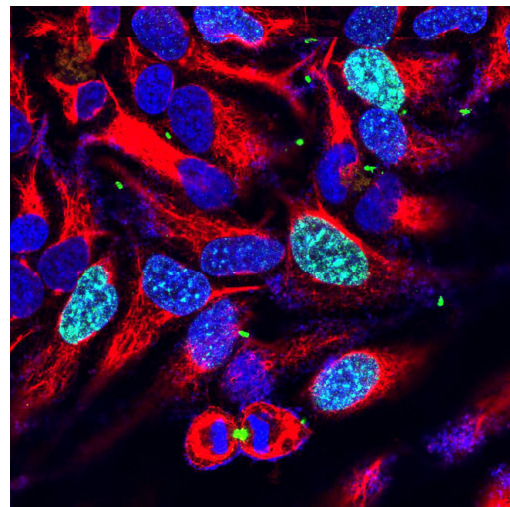
| Applications | Tested Dilution | Publications |
|------------------------------|-----------------|--------------|
| Western Blot (WB) | 1:1,000 | - |
| Immunohistochemistry (IHC) | 1:1,000 | - |
| Immunocytochemistry (ICC/IF) | 1:1,000 | - |

Product Images For Aurora B Monoclonal Antibody (3F11)



Aurora B Antibody (MA5-47414) in WB

Western blot analysis of Aurora B in different cell lysates and recombinant protein solutions. Samples were incubated in Aurora B monoclonal antibody (Product # MA5-47414). Left: cells were treated with 100 ng/mL of nocodazole, 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: Blot of purified full length recombinant human aurora A, B and C were probed with aurora B. The antibody binds specifically only to aurora B and not to the closely related aurora A and C.



Aurora B Antibody (MA5-47414) in ICC/IF

Immunofluorescent analysis of Aurora B in HeLa cells. Samples were stained with Aurora B monoclonal antibody (Product # MA5-47414) using a dilution of 1:1,000 (green). Costained with chicken pAb to Vimentin dilution 1:2,000 in red. The blue is DAPI staining of nuclear DNA. The aurora B antibody reveals aurora B localized in midbodies, midzones of dividing cells and also in the nuclei or some cells.

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