

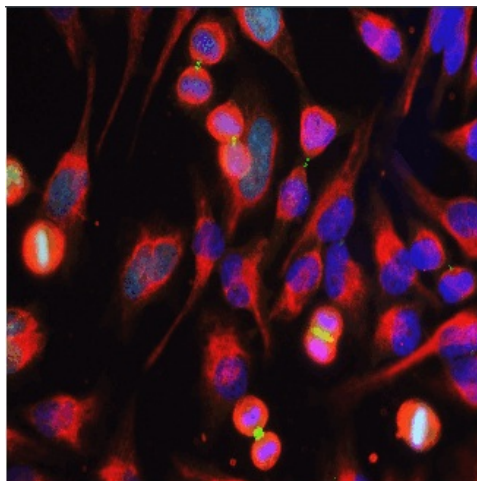
## Product datasheet for **MO22138-100**

### **Aurora B (AURKB) Mouse Monoclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Reactivity:	Bovine, Chicken, Equine, Human, Mouse, Porcine, Rat
Host:	Mouse
Isotype:	IgG
Clonality:	Monoclonal
Formulation:	State: Purified
Gene Name:	aurora kinase B
Database Link:	<a href="#">Entrez Gene 9212 Human</a>
Synonyms:	Aurora-B, Aurora/IPL1-related kinase 2, STK-1, AURKB, AIK2, AIM1, ARK2, STK12

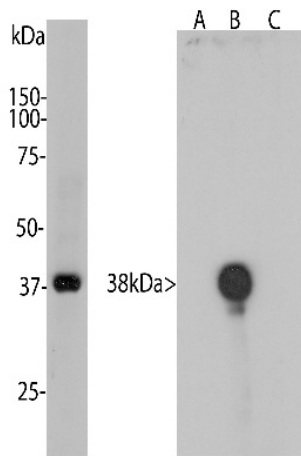
#### **Product images:**



HeLa cell cultures were stained with Aurora B kinase antibody (green). Aurora B stains midzones in anaphase and midbodies between the two daughter cells during telophase. It is therefore a useful marker of dividing cells. Counterstained is our chicken polyclonal antibody against Vimentin, (red). Blue is a DNA stain.

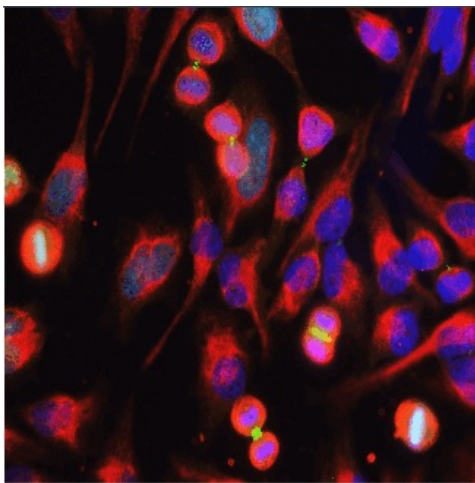


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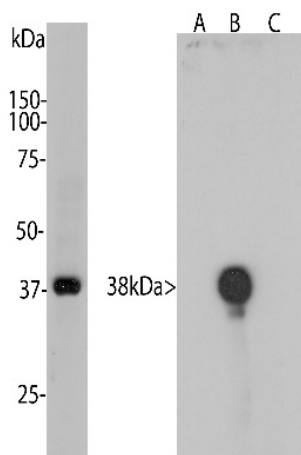


**Left:** Western blot analysis of Aurora B in HeLa cells. Blot of HeLa cells treated with 100ng/ml nocodazole for 18 hours was probed with Aurora B. Nocodazole is a microtubule polymerization inhibitor which induces cells to halt at the G2/M phase and also induces Aurora B expression. The Aurora B monoclonal binds strongly to aurora B at 38 kDa.

**Right:** Blot of recombinant human Aurora A, B and C were probed with [MO22138]. This antibody binds specifically to Aurora B. This is also consisted with the immunocytochemical staining of midzones and midbodies on HeLa cells.



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