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Datasheet for ABIN683383

## anti-AurB/C antibody (pThr198)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	AurB/C (AURKB/C)
Binding Specificity:	pThr198
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AurB/C antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

#### Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human Aurora B around the phosphorylation site of Thr232
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

#### Target Details

Target:	AurB/C (AURKB/C)
Alternative Name:	Aurora B / Aurora C ( <a href="#">AURKB/C Products</a> )

## Target Details

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Background: Synonyms: Aurora B phospho T232, p-Aurora B phospho T232, AIK2, AIM1, ARK2, AurB, AURKB, Aurora 1, Aurora and Ipl1 like midbody associated protein 1, Aurora kinase B, Aurora related kinase 2, Aurora-B, Aurora/IPL1 related kinase 2, IPL1, Serine/threonine kinase 12, Serine/threonine protein kinase 12, STK1, STK12, STK5, AURKB\_HUMAN.

Background: Aurora B is a mitotic protein kinase that phosphorylates histone H3 (probably on Serine 10), behaves as a chromosomal passenger protein, and may regulate several stages of mitosis such as centrosome separation, chromosome segregation and cytokinesis. It localizes to the inner centromere region from prophase to anaphase.

Gene ID: 9212

## Application Details

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Application Notes: WB 1:300-5000  
ELISA 1:500-1000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

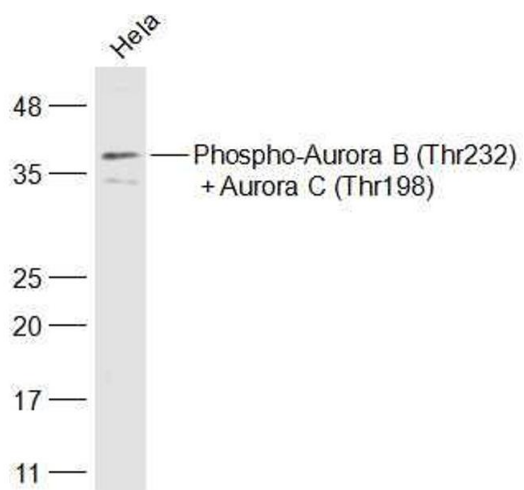
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



### Western Blotting

**Image 1.** HeLa lysates probed with Phospho-Aurora B (Thr232) + Aurora C (Thr198) Polyclonal Antibody, Unconjugated at 1:500 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.