

Anti-AURKB antibody (1-100) [S6MR] (STJ11101686)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

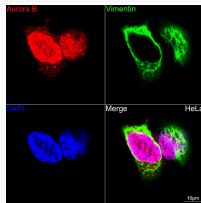
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000 IHC-P:1:500-1:5000 IF/CC:1:400-1:1600 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 39kDa Observed Mw: 39kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

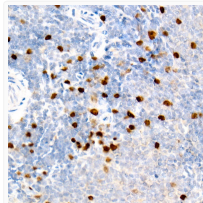
Gene ID	9212
Gene Symbol	AURKB
UniProt ID	AURKB_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MAQKENSYPWPYGRQTAPSG LSTLPQRVLRKEPVTPSALV LMSRSNVQPTAAPGQKVMEN SSGTPDILTRHFTIDDFEIG RPLGKGGKFGNVYLAREKKSH
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Aurora B (NP_004208.2).

ADDITIONAL INFORMATION

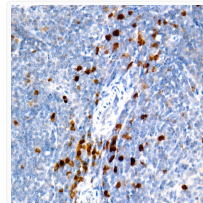
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



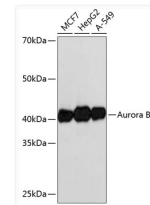
Confocal imaging of HeLa cells using Aurora B Rabbit monoclonal antibody (STJ11101686, dilution 1:800) (Red). The cells were counterstained with Vimentin Rabbit monoclonal antibody (A19607, dilution 1:100) (Green). DAPI was used for nuclear staining (blue). Objective: 60x.



Immunohistochemistry analysis of Aurora B in paraffin-embedded rat spleen tissue using Aurora B Rabbit monoclonal antibody (STJ11101686) at a dilution of 1:500 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of Aurora B in paraffin-embedded mouse spleen tissue using Aurora B Rabbit monoclonal antibody (STJ11101686) at a dilution of 1:500 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Western blot analysis of extracts of various cell lines, using Aurora B antibody (STJ11101686) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.