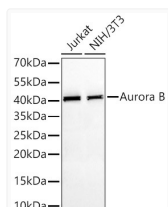
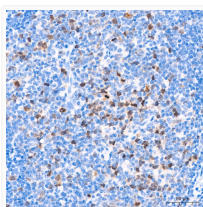


Anti-Aurora B antibody (1-100 aa) [SMM5339] (STJ11107245)

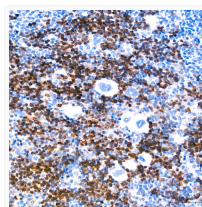
GENERAL INFORMATION	
Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Mouse
Reactivity	Human/Mouse/Rat
PRODUCT PROPERTIES	
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000 IHC-P:1:200-1:800 IF/CC:1:800-1:3200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3
Isotype	IgG
Molecular Weight	Protein Mw: 39kDa Observed Mw: 40kDa
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 aa
Immunogen Sequence	MAQKENSYPWPYGRQTAPSG LSTLPQVRVRKEPVTPSALV LMSRSNVQPTAAPGQKVMEN SSGTPDILTRHFTIDDFEIG RPLGKGKFGNVYLAREKKSH
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human TLR4 (NP_004208.2).
ADDITIONAL INFORMATION	
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



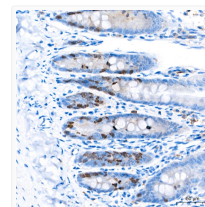
Western blot analysis of various lysates using Aurora B Mouse mAb (STJ11107245) at 1:1000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (STJS000854) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



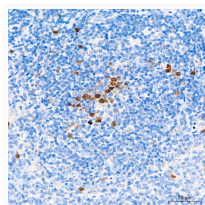
Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Aurora B Mouse mAb (STJ11107245) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to immunohistochemistry staining.



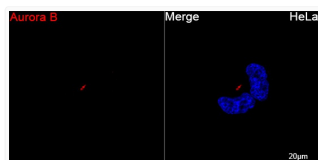
Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using Aurora B Mouse mAb (STJ11107245) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to immunohistochemistry staining.



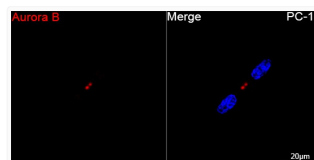
Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using Aurora B Mouse mAb (STJ11107245) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue using Aurora B Mouse mAb (STJ11107245) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to immunohistochemistry staining.



Confocal imaging of HeLa cells using Aurora B Mouse mAb (STJ11107245, dilution 1:1600) followed by a further incubation with Cy3-conjugated Goat anti-Mouse IgG (H+L) (STJS001167, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of PC-12 cells using Aurora B Mouse mAb (STJ11107245, dilution 1:1600) followed by a further incubation with Cy3-conjugated Goat anti-Mouse IgG (H+L) (STJS001167, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.