

Anti-AURKA antibody [2E3-C10-C11-G6] (STJ99106)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF
Host / Source	Mouse
Reactivity	Human/Monkey

PRODUCT PROPERTIES

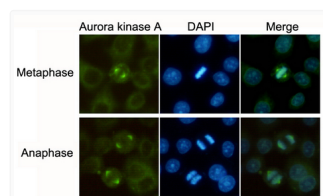
Clonality	Monoclonal
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Dilution Range	WB 1:500 ICC 1:50 IF 1:50-200
Formulation	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG1
Molecular Weight	Observed: 46kD
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

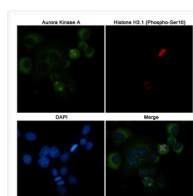
Gene ID	6790
Gene Symbol	AURKA
UniProt ID	AURKA_HUMAN
Specificity	This antibody detects endogenous levels of Aurora Kinase A and does not cross-react with related proteins.

ADDITIONAL INFORMATION

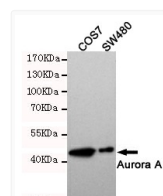
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunocytochemistry staining of HeLa cells fixed with -20°C Methanol and using Aurora Kinase A mouse mAb (dilution 1:100).



Immunofluorescent analysis of HeLa cells labeled with Aurora Kinase A (200525, dilution 1:50) mouse mAb (green) and Histone H3.1 (Phospho-Ser10) (310045, dilution 1:100) Rabbit pAb (red). DAPI was used to stain nucleus (blue).



Western blot detection of Aurora Kinase A in SW480 and COS7 cell lysates and using Aurora Kinase A mouse mAb (1:500 diluted). Predicted band size: 46KDa. Observed band size: 46KDa.