

Aurora A Monoclonal Antibody (35C1), Alexa Fluor™ 488

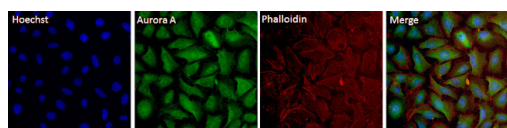
Product Details	
Size	50 µg
Species Reactivity	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	35C1
Conjugate	Alexa Fluor™ 488
Excitation/Emission Max	499/520 nm
Immunogen	Recombinant protein derived from the full length of human Aurora A Kinase protein
Form	Liquid
Concentration	1.0 mg/mL
Purification	Protein A
Storage buffer	PBS with 1.0mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2723950

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC/IF)	5 µg/mL	-

Product Specific Information

Aurora A plays a role in cell cycle regulation during anaphase and/or telophase, in relation to the function of the centrosome /spindle pole region during chromosome segregation. Aurora A plays a key role during tumor development and progression and is overexpressed in many human cancers including breast, ovarian and colorectal. Aurora A is viewed as a potential target for anticancer drug treatment. Tissue specificity: Highly expressed in testis and weakly in skeletal muscle, thymus and spleen. Also highly expressed in colon, ovarian, prostate, neuroblastoma, breast and cervical cancer cell lines.

Product Images For Aurora A Monoclonal Antibody (35C1), Alexa Fluor™ 488



Aurora A Antibody (MA4-58900-A488) in ICC/IF

Immunofluorescent analysis of Aurora A (green) in HeLa cells. The cells were fixed with 4% Paraformaldehyde for 15 minutes, permeabilized with 0.1% Triton X-100 for 15 minutes, and blocked with 3% BSA for 30 minutes at room temperature. Cells were stained with an Aurora A mouse monoclonal antibody (Product # MA4-58900-A488) at a concentration of 5 µg/mL in blocking buffer for 1 hour at room temperature. F-actin (red) was stained by Dylight 554 Phalloidin (Product #21834) and nuclei (blue) were stained with Hoechst 33342 (Product # 62249). Images were taken on a Thermo Scientific ToxInsight Instrument at 20X magnification.

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