

# Aurora A Monoclonal Antibody (1F8)

Product Details	
Size	100 µL
Species Reactivity	Human, Non-human primate, Rat
Published Species	Rat
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	1F8
Conjugate	Unconjugated
Immunogen	Purified recombinant fragment of human AURKA expressed in E. Coli.
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	ascites
Contains	0.03% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_11154080

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	1 Publication
Immunocytochemistry (ICC/IF)	1:200-1:1,000	-
Flow Cytometry (Flow)	1:200-1:400	-
ELISA (ELISA)	1:10,000	-

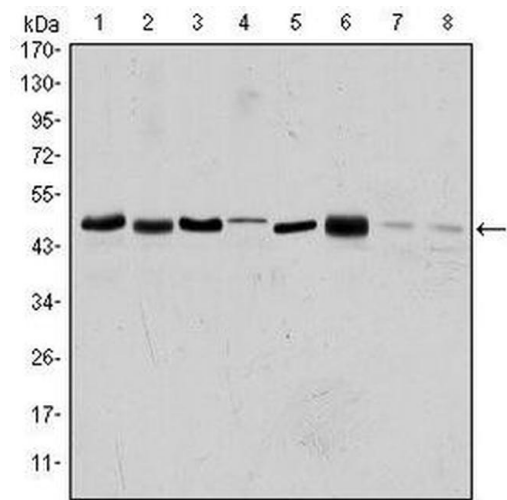
## Product Specific Information

MA5-15803 targets AURKA in indirect ELISA, FACS, IF, and WB applications and shows reactivity with Human, Non-human primate, and Rat samples.

The MA5-15803 immunogen is purified recombinant fragment of human AURKA expressed in E. Coli.

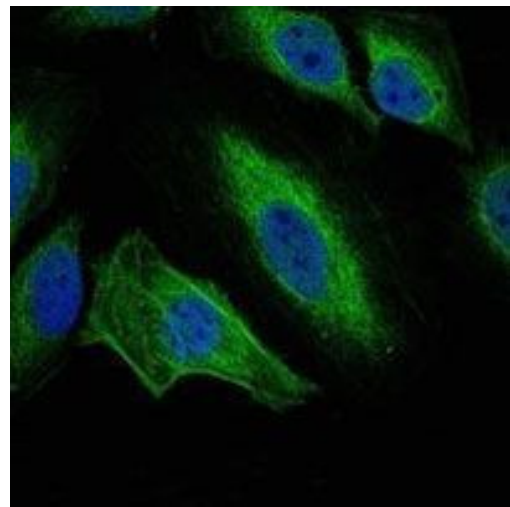
MA5-15803 detects AURKA which has a predicted molecular weight of approximately 48kDa.

Product Images For Aurora A Monoclonal Antibody (1F8)



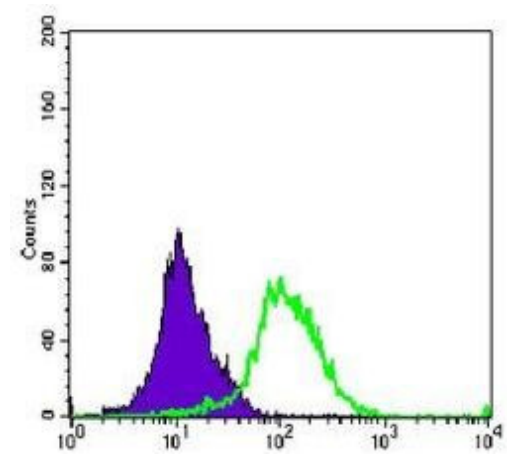
**Aurora A Antibody (MA5-15803) in WB**

Western blot analysis of AURKA using AURKA monoclonal antibody (Product # MA5-15803) in HEK293 (1), Sw620 (2), MCF-7 (3), Jurkat (4), HeLa (5), HepG2 (6), COS-7 (7) and PC-12 (8) cell lysate.



**Aurora A Antibody (MA5-15803) in ICC/IF**

Immunofluorescence analysis of HeLa cells using AURKA monoclonal antibody (Product # MA5-15803) (Green). Blue: DRAQ5 fluorescent DNA dye.



**Aurora A Antibody (MA5-15803) in Flow**

Flow cytometric analysis of K562 cells using AURKA monoclonal antibody (Product # MA5-15803) (green) and negative control (purple).

Western Blot (1)

Cancer letters	Year 2006
Inhibitory effect of caffeic acid phenethyl ester on the growth of C6 glioma cells in vitro and in vivo.	Species Rat
"MA5-15803 was used in western blot to study the inhibition of C6 glioma cell growth by caffeic acid phenethyl ester and the potential mechanisms involved"	
Authors: Kuo HC,Kuo WH, Lee YJ,Lin WL,Chou FP,Tseng TH	

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