

## Mouse Monoclonal Antibody to AURKA

Catalogue Number	sAP-1570
Target Molecule	<b>Name: AURKA</b> <b>Aliases:</b> AIK; ARK1; AURA; BTAK; STK6; STK7; STK15; PPP1R47 <b>MW: 45.8kDa</b> <b>Entrez Gene ID: 6790</b>
Description	The protein encoded by this gene is a cell cycle-regulated kinase that appears to be involved in microtubule formation and/or stabilization at the spindle pole during chromosome segregation. The encoded protein is found at the centrosome in interphase cells and at the spindle poles in mitosis. This gene may play a role in tumor development and progression. A processed pseudogene of this gene has been found on chromosome 1, and an unprocessed pseudogene has been found on chromosome 10. Multiple transcript variants encoding the same protein have been found for this gene.
Immunogen	Purified recombinant fragment of human AURKA (AA: 268-404) expressed in E. Coli.
Recitative Species	Human;Mouse;
Clone	MM4H5A8
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: N to A; FCM: N to A; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Mol Cancer Ther. 2015 Dec;14(12):2753-61.2.Oncol Res Treat. 2015;38(9):442-7.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**