

Datasheet for ABIN563053
anti-Aurora A antibody (AA 1-110)



[Go to Product page](#)

5 Images

2 Publications

Overview

Quantity:	100 µg
Target:	Aurora A (AURKA)
Binding Specificity:	AA 1-110
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Aurora A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant STK6.
Immunogen:	AURKA (NP_940835, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MDRSKENCIS GPKVATAPVG GPKRVLVTQQ FPCQNPLPVN SGQAQRVLCV SNSSQRIPLQ AQLVSSHKP VQNQKQKQLQ ATSVPHVSR PLNNTQKSKQ PLPSAPENNP
Clone:	5F8
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	Aurora A (AURKA)
Alternative Name:	AURKA (AURKA Products)
Background:	Full Gene Name: aurora kinase A Synonyms: AIK,ARK1,AURA,AURORA2,BTAK,MGC34538,STK15,STK6,STK7
Gene ID:	6790
NCBI Accession:	NM_198433
Pathways:	Cell Division Cycle , Asymmetric Protein Localization

Application Details

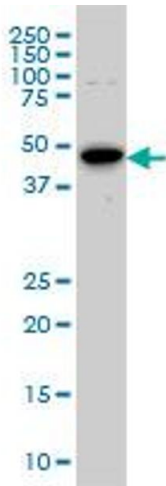
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

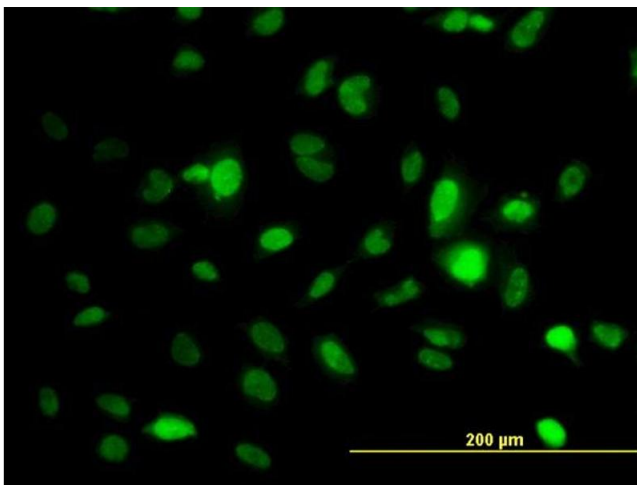
Publications

Product cited in:	Lo Iacono, Monica, Saviozzi, Ceppi, Bracco, Papotti, Scagliotti: "Aurora Kinase A expression is associated with lung cancer histological-subtypes and with tumor de-differentiation." in: Journal of translational medicine , Vol. 9, pp. 100, (2011) (PubMed).
	Xiao, Chen, Ji, Volle, Lewis, Tsai, Dong: "KIBRA protein phosphorylation is regulated by mitotic kinase aurora and protein phosphatase 1." in: The Journal of biological chemistry , Vol. 286, Issue 42, pp. 36304-15, (2011) (PubMed).



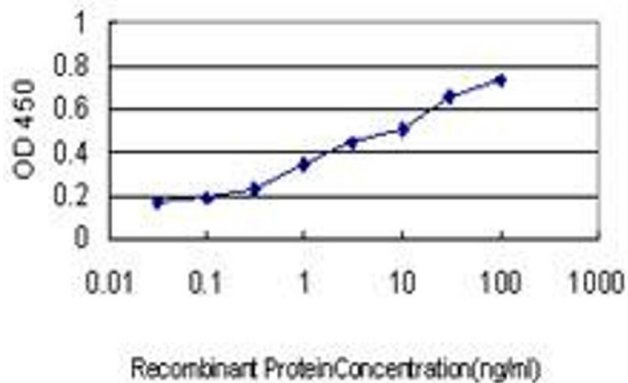
Western Blotting

Image 1. STK6 monoclonal antibody (M01), clone 5F8
Western Blot analysis of STK6 expression in HeLa S3 NE .



Immunofluorescence

Image 2. Immunofluorescence of monoclonal antibody to STK6 on HeLa cell. [antibody concentration 30 ug/ml]



ELISA

Image 3. Detection limit for recombinant GST tagged STK6 is approximately 0.1 ng/ml as a capture antibody.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN563053.