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Datasheet for ABIN513970  
**anti-CAMK2A antibody (AA 305-410)**

5 Images

Overview

Quantity:	100 µg
Target:	CAMK2A
Binding Specificity:	AA 305-410
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CAMK2A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant CAMK2A.
Immunogen:	CAMK2A (AAH40457, 305 a.a. ~ 410 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	TTMLATRNFS GGKSGGNKKS DGVKESSEST NTTIEDEDTK VRKQEIKVT EQLIEAISNG DFESYTKMCD PGMTAFEPEA LGNLVEGLDF HRFYFENLWS RNSKPV
Clone:	2C4
Isotype:	IgG2a
Cross-Reactivity:	Human, Rat
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	CAMK2A
Alternative Name:	CAMK2A ( <a href="#">CAMK2A Products</a> )
Background:	Full Gene Name: calcium/calmodulin-dependent protein kinase II alpha Synonyms: CAMKA, KIAA0968
Gene ID:	815
Pathways:	<a href="#">WNT Signaling</a> , <a href="#">Interferon-gamma Pathway</a> , <a href="#">Myometrial Relaxation and Contraction</a>

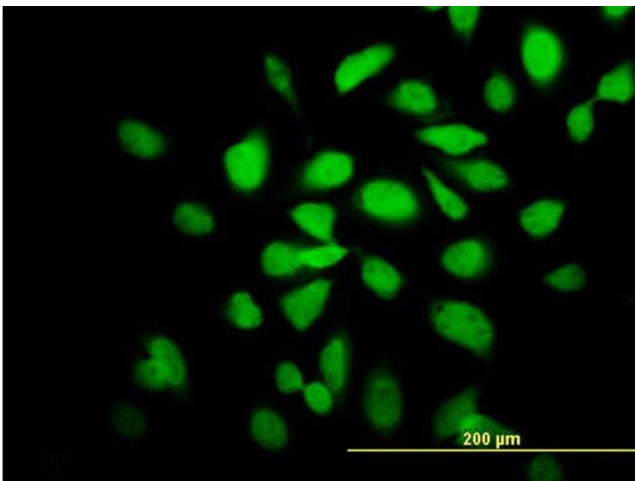
## Application Details

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

## Handling

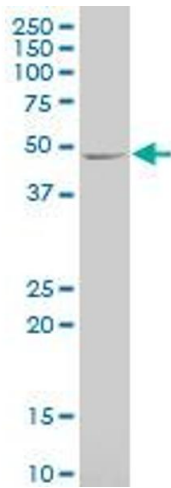
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images



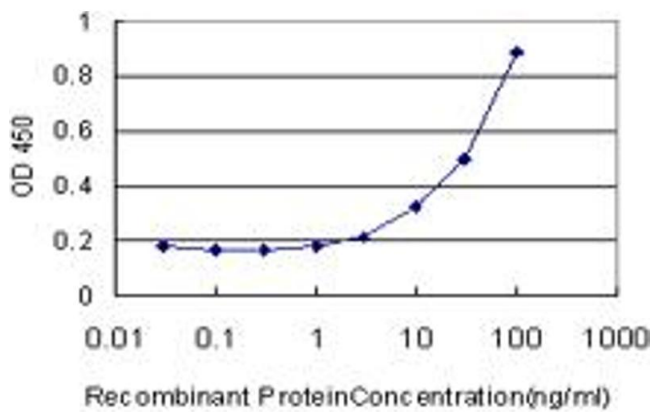
### Immunofluorescence

**Image 1.** Immunofluorescence of monoclonal antibody to CAMK2A on HeLa cell. [antibody concentration 10 ug/ml]



### Western Blotting

**Image 2.** CAMK2A monoclonal antibody (M01), clone 2C4. Western Blot analysis of CAMK2A expression in RIN-m5F.



### ELISA

**Image 3.** Detection limit for recombinant GST tagged CAMK2A is approximately 3ng/ml as a capture antibody.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN513970.