



Datasheet for ABIN560157  
**anti-CAMK2B antibody (AA 405-502)**



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3 Images

Overview

Quantity:	100 µg
Target:	CAMK2B
Binding Specificity:	AA 405-502
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CAMK2B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant CAMK2B.
Immunogen:	CAMK2B (NP_742078, 405 a.a. ~ 502 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	FEPEALGNLV EGMDFHRFYF ENLLAKNSKP IHTTILNPHV HVIGEDAACI AYIRLTQYID GQGRPRTSQS EETRVWHRRD GKWQNVHFHC SGAPVAPL
Clone:	6D6
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	CAMK2B
Alternative Name:	CAMK2B ( <a href="#">CAMK2B Products</a> )
Background:	Full Gene Name: calcium/calmodulin-dependent protein kinase II beta Synonyms: CAM2,CAMK2,CAMKB,MGC29528
Gene ID:	816
NCBI Accession:	<a href="#">NM_172081</a>
Pathways:	<a href="#">WNT Signaling</a> , <a href="#">Interferon-gamma Pathway</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Smooth Muscle Cell Migration</a> , <a href="#">Regulation of long-term Neuronal Synaptic Plasticity</a>

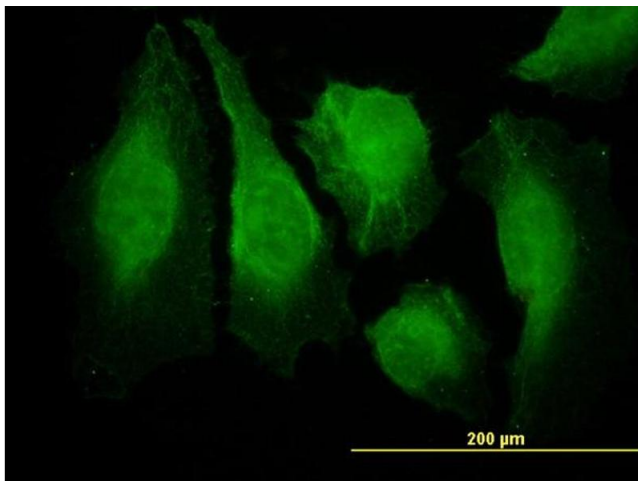
## Application Details

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

## Handling

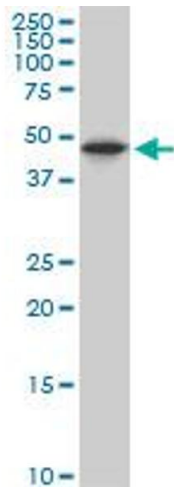
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images



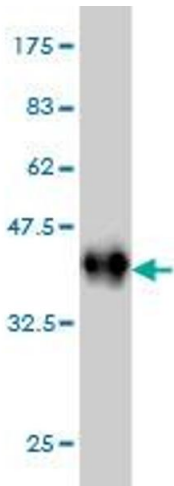
### Immunofluorescence

**Image 1.** Immunofluorescence of monoclonal antibody to CAMK2B on HeLa cell. [antibody concentration 25 ug/ml]



### Western Blotting

**Image 2.** CAMK2B monoclonal antibody (M06), clone 6D6.  
Western Blot analysis of CAMK2B expression in HeLa.



### Western Blotting

**Image 3.** Western Blot detection against Immunogen (36.52  
kDa).