

Basic Information

Product Name	Anti-CAMK2A/B/D/G Antibody (Clone#27C04)		
Gene Name	CAMK2A/CAMK2B/CAMK2D/CAMK2G		
Source	Rabbit		
Clonality	Monoclonal		
Isotype	IgG		
Species Reactivity	human, mouse, rat		
Tested Application	WB, IHC, FCM		
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.		
Immunogen	A synthesized peptide derived from human CaMKII		
Concentration	500 ug/ml		
Purification	Affinity-chromatography		
Observed MW	50-70 kDa		
Dilution Ratios	Western blot (WB):	1:500-2000	
	Immunohistochemistry (IHC):	1:50-200	
	Flow Cytometry (FCM):	1:50	

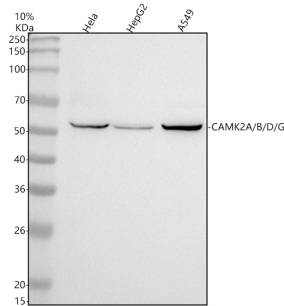
Storage

12 months from date of receipt, -20°C as supplied.

Reference

Anti-CAMK2A/B/D/G Antibody (Clone#27C04)被引用在3文献中。

Selected Validation Data



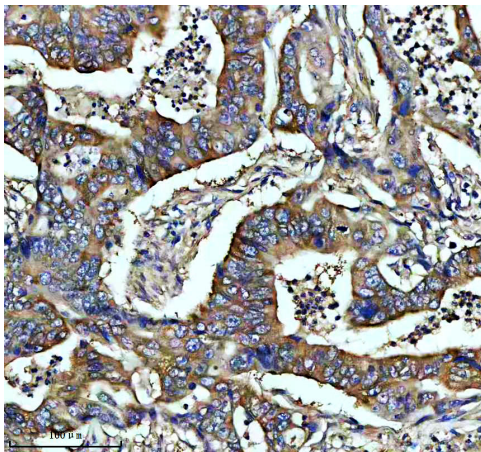
Western blot analysis of anti-CAMK2A/B/D/G antibody (M03241-2). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human Hela whole cell lysates,

Lane 2: human HepG2 whole cell lysates,

Lane 3: human A549 whole cell lysates.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-CAMK2A/B/D/G antigen affinity purified monoclonal antibody (M03241-2) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for CAMK2A/B/D/G at approximately 60 kDa. The expected band size for CAMK2A/B/D/G is at 54 kDa.



IHC analysis of CAMK2A/B/D/G using anti-CAMK2A/B/D/G antibody (M03241-2) .

CAMK2A/B/D/G was detected in a paraffin-embedded section of human colon cancer tissue. The tissue section was incubated with rabbit anti-CAMK2A/B/D/G Antibody (M03241-2) at a dilution of 1:200 and developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB (Catalog # AR1027) as the chromogen.