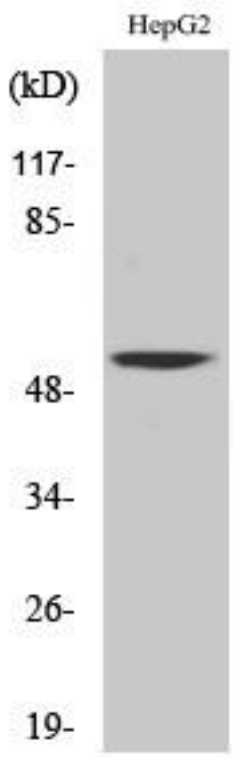
CaMKV Monoclonal Antibody

Catalog No	BYmab-14692
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CAMKV
Protein Name	CaM kinase-like vesicle-associated protein
Immunogen	The antiserum was produced against synthesized peptide derived from human CAMK5. AA range:211-260
Specificity	CaMKV Monoclonal Antibody detects endogenous levels of CaMKV protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CAMKV; CaM kinase-like vesicle-associated protein
Observed Band	54kD
Cell Pathway	Cell membrane ; Peripheral membrane protein . Cytoplasmic vesicle membrane ; Peripheral membrane protein . Predominantly observed in association with the plasma membrane of soma and in neurites, both axons and dendrites. May be associated with vesicular structures (By similarity). .
Tissue Specificity	Brain,Lung,Retinoblastoma,Teratocarcinoma,
Function	cofactor:Calcium.,domain:The protein kinase domain is predicted to be catalytically inactive.,function:Does not appear to have detectable kinase activity.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,subcellular location:Predominantly observed in association with the plasma membrane of soma and in neurites, both axons and dendrites. May be associated with vesicular structures.,subunit:Interacts with calmodulin, in the presence of calcium.,

Background	cofactor:Calcium.,domain:The protein kinase domain is predicted to be catalytically inactive.,function:Does not appear to have detectable kinase activity.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,subcellular location:Predominantly observed in association with the plasma membrane of soma and in neurites, both axons and dendrites. May be associated with vesicular structures.,subunit:Interacts with calmodulin, in the presence of calcium.,
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using CaMKV Monoclonal Antibody