[pThr^{286}]Ca^{2+} /calmodulin-dependent protein kinase II (rat) (α subunit) monoclonal antibody (CB1)

This antibody is covered by our Worry-Free Guarantee.

Citations: 3 View Online »

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ALX-802-0090	100µl

Manuals, SDS & CofA View Online »

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	CaM kinase II α subunit, CAMK2 α subunit
Application	ELISA, Flow Cytometry, ICC, IF, IP, WB
Clone	22B1
Formulation	Liquid. In PBS containing 0.05% sodium azide.
Host	Mouse
Immunogen	Synthetic peptide corresponding to aa 281-294 (M281HRQET(PSO3)VDCLKKFN294) of the α-subunit of mouse and rat CaM kinase II (Ca2+/Calmodulin-dependent Protein Kinase II) thiophosphorylated at (Thr286).
Isotype	IgG1
Recommendation Dilutions/Conditions	Flow Cytometry (FACS, 1µg 106 cells)Immunocytochemistry (1:100)Immunofluorescence (1:100)Western Blot (1:2,000)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Species Reactivity	Human, Mouse, Rat
Specificity	Recognizes the phosphorylated α-subunit of CaM kinase II. This antibody does not detect the non-phosphorylated α-subunit of rat CaM kinase II nor the ~60kDa β-subunit in either phosphorylation state.

UniProt ID

P11798 (mouse), P11275 (rat)

Worry-free Guarantee

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