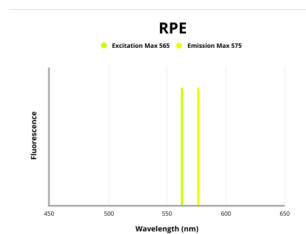


Calcium/calmodulin-Dependent Protein Kinase Type II Subunit Alpha (CaMKII) Antibody (PE)

Catalogue No.: abx444232



Fluorescence emission spectra of RPE.

CaMKII Antibody is a Mouse Monoclonal against CaMKII.

Target:	Calcium/calmodulin-Dependent Protein Kinase Type II Subunit Alpha (CaMKII)
Clonality:	Monoclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB, IHC, IF/ICC, IP
Host:	Mouse
Recommended dilutions:	WB: 1/1000, IHC: 1/100, IF/ICC: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	PE
Excitation/Emission:	565/575
Laser Line:	550
Immunogen:	Synthetic peptide.
Isotype:	IgG ₁
Purification:	Purified by Protein G.
Storage:	Aliquot and store at 4°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P11275 (UniProt , ExPASy)

Datasheet

Version: 4.0.0
Revision date: 13 Aug 2025



GeneID:	25400
NCBI Accession:	NP_037052.1
KEGG:	rno:25400
String:	10116.ENSRNOP00000041940
Buffer:	PBS, pH 7.4, 50% glycerol, 0.09% sodium azide.
Specificity:	Detects phosphorylated CaMKII from rat tissues. This antibody is specific for α and β subunits of CaMKII only when they are phosphorylated at Thr-286/287 (in β).
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only