

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human PKA RI α in direct ELISAs. Detects human and mouse PKA RI α in Western blots.
Source	Monoclonal Rabbit IgG Clone # 2394D
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Synthetic peptide containing Human/Mouse PKA RI α Accession # P13861
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

PRKAR2 is a regulatory subunit of the cAMP-dependent protein kinases involved in CAMP signaling in cells. Four types of regulatory chains are found and their expression varies among tissues. In some cases expression is constitutive and in other cases it is inducible. PRKAR2 seems to be involved in both endosome-to-Golgi and Golgi-to-ER transport.

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