

#### DESCRIPTION

<b>Species Reactivity</b>	Human/Mouse
<b>Specificity</b>	Detects human PKA RII $\alpha$ in direct ELISAs. Detects human and mouse PKA RII $\alpha$ in Western blots.
<b>Source</b>	Monoclonal Rabbit IgG Clone # 2394D
<b>Purification</b>	Protein A or G purified from cell culture supernatant
<b>Immunogen</b>	Synthetic peptide containing Human/Mouse PKA RII $\alpha$ Accession # P13861
<b>Conjugate</b>	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
<b>Formulation</b>	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.

<b>Western Blot</b>	Optimal dilution of this antibody should be experimentally determined.
<b>Immunocytochemistry</b>	Optimal dilution of this antibody should be experimentally determined.
<b>Immunohistochemistry</b>	Optimal dilution of this antibody should be experimentally determined.

#### PREPARATION AND STORAGE

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	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.

#### PRODUCT SPECIFIC NOTICES

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