

#### DESCRIPTION

|                     |                                                                                                                                                                                                                                                                             |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Specificity</b>  | Detects cAMP. In a competition binding assay, this antibody does not cross-react with ATP, CTP, GTP, AMP, GMP, cGMP, or cUMP.                                                                                                                                               |
| <b>Source</b>       | Monoclonal Mouse IgG <sub>1</sub> Clone # 250532                                                                                                                                                                                                                            |
| <b>Purification</b> | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                  |
| <b>Immunogen</b>    | Thryoglobulin-coupled cAMP                                                                                                                                                                                                                                                  |
| <b>Conjugate</b>    | Alexa Fluor 750<br>Excitation Wavelength: 749 nm<br>Emission Wavelength: 775 nm                                                                                                                                                                                             |
| <b>Formulation</b>  | Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide<br><br>*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.

**Immunocytochemistry** 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

cAMP is a cyclic nucleotide generated from ATP by the activity of adenylate cyclase. It is a ubiquitous cytoplasmic second messenger important in many signal transduction pathways.

#### PRODUCT SPECIFIC NOTICES

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