

# Human CCK-A R Alexa Fluor® 700-conjugated Antibody

Monoclonal Mouse IgG<sub>2A</sub> Clone # 377251

Catalog Number: FAB2680N  
100 µg

## DESCRIPTION

|                           |                                                                                                                                                                                                                                                                                                                                  |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species Reactivity</b> | Human                                                                                                                                                                                                                                                                                                                            |
| <b>Specificity</b>        | Detects human CCK-A R. Stains human CCK-A R transfectants but not irrelevant transfectants.                                                                                                                                                                                                                                      |
| <b>Source</b>             | Monoclonal Mouse IgG <sub>2A</sub> Clone # 377251                                                                                                                                                                                                                                                                                |
| <b>Purification</b>       | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>          | NS0 mouse myeloma cell line transfected with human CCK-A R<br>Met1-Gln428<br>Accession # P32238                                                                                                                                                                                                                                  |
| <b>Conjugate</b>          | Alexa Fluor 700<br>Excitation Wavelength: 675-700 nm<br>Emission Wavelength: 723 nm                                                                                                                                                                                                                                              |
| <b>Formulation</b>        | Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.<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.

|                       | <b>Recommended Concentration</b> | <b>Sample</b>                   |
|-----------------------|----------------------------------|---------------------------------|
| <b>Flow Cytometry</b> | 0.25-1 µg/10 <sup>6</sup> cells  | Human CCK-A R transfected cells |

## 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> | <b>Protect from light. Do not freeze.</b><br>● 12 months from date of receipt, 2 to 8 °C as supplied.             |

## BACKGROUND

Cholecystokinin A Receptor (CCK-A R) is one of two 7TM receptors for cholecystokinin peptide hormones. This GPCR is involved in gallbladder contraction, insulin secretion, and central nervous system function. CCK-A R has been implicated in pancreatic tumorigenesis as well as the pathogenesis of eating disorders and drug addiction. Human CCK-A R shares 89% aa sequence identity with mouse and rat CCK-A R.

## PRODUCT SPECIFIC NOTICES

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