

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CCK-A R. Stains human CCK-A R transfectants but not irrelevant transfectants.
Source	Monoclonal Mouse IgG _{2A} Clone # 377251
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human CCK-A R Met1-Gln428 Accession # P32238
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *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.

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10 ⁶ cells	Human CCK-A R transfected cells

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

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.

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