Human CCK-A R
Alexa Fluor® 405-conjugated Antibody

Monoclonal Mouse IgG_{2A} Clone # 377251

Catalog Number: FAB2680V

100 µg

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 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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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bio-techne®
Global bio-techne.com info@bio-techne.com techsupport@bio-techne.com TEL +1 612 379 2956
USA TEL 800 343 7475 Canada TEL 855 668 8722 China TEL +86 (21) 52380373
Europe | Middle East | Africa TEL +44 (0)1235 529449