

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CCK in direct ELISAs.
Source	Monoclonal Rabbit IgG Clone # 2753A
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Human CCK synthetic peptide Accession # P06307
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	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.

Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	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

Cholecystokinin (CCK) is a peptide hormone secreted by the gastrointestinal system that stimulates the digestion of protein and fat. CCK is synthesized and secreted by enteroendocrine cells of the duodenum and acts as a hunger suppressant. CCK participates in several processes such as digestion, satiety, and anxiety. CCK is also found extensively throughout the central nervous system with anxiogenic, panicogenic and hallucinogenic effects. Receptors of CCK are found in the central nervous system specifically in the hippocampus, cerebral cortex, and striatum.

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