

## Anti-CCKBR Antibody Picoband® Cy3 Conjugated

Catalog Number: A01677-1-Cy3

### About CCKBR

The cholecystokinin B receptor, also known as CCKBR or CCK2, is a protein that in humans is encoded by the CCKBR gene. This gene encodes a G-protein coupled receptor for gastrin and cholecystokinin (CCK), regulatory peptides of the brain and gastrointestinal tract. This protein is a type B gastrin receptor, which has a high affinity for both sulfated and nonsulfated [CCK analogs](#) and is found principally in the central nervous system and the gastrointestinal tract. Alternative splicing results in multiple transcript variants. A misspliced transcript variant including an intron has been observed in cells from colorectal and pancreatic tumors.

### Overview

Product Name	Anti-CCKBR Antibody Picoband® Cy3 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (Flow Cytometry, IHC, ICC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P32239

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human CCKBR, which shares 80% and 90% amino acid (aa) sequence identity with mouse and rat CCKBR, respectively.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Cy3 Excitation Wavelength: 554 nm Emission Wavelength: 568 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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## 1 Publications Citing This Product

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1. PubMed ID: 26136952, Changes in FABP1 and gastrin receptor expression in the testes of rats that have undergone electrical injury

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