



Mouse Anti-Campylobacter Porin Monoclonal antibody, clone DK17 (CABT-CS110)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Reacts with <i>C. jejuni</i> and <i>C. coli</i> major outer membrane antigen (porin) of ~43 kDa.
Target	Campylobacter Porin
Immunogen	Crude extract of <i>Campylobacter jejuni</i>
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	<i>C. jejuni</i> , <i>C. coli</i>
Clone	DK17
Purification	Affinity-purified with Protein A
Conjugate	unconjugated
Applications	WB, IB, IC
Format	Liquid
Concentration	1 mg/mL
Size	100 µg
Buffer	PBS, 50% glycerol
Preservative	None
Storage	Ship at 4°C and store at -20°C. Do not freeze.

BACKGROUND

Introduction

Campylobacteriosis is an infection by the *Campylobacter* bacteria, most commonly *C. jejuni*. It is among the most common bacterial infections of humans, often a foodborne illness. Many gram-negative bacteria have one or more Major Outer Membrane Proteins (MOMPs) usually function as general or specific porins that regulate the permeability of the membrane to small molecules. MOMP is an immunodominant protein and makes an attractive target antigen. *C. jejuni* has a porin as MOMP of 43 kDa, which is processed from the 45.7 kDa precursor with signal peptide of 22 amino acids.

Keywords

Campylobacter Porin; Campylobacter; *C. jejuni*; *C. coli*; *C. jejuni* Porin; *C. coli* Porin