



# Anti-Norovirus (VLP from GII.4 VLP 1987-2010, GII.1 1971 and GII.2 1976) monoclonal antibody, clone C2047N (CABT-B8759)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Recognizes Norovirus virus-like particle (VLP) from GII.4 VLP 1987-2010, GII.1 1971 and GII.2 1976.
<b>Immunogen</b>	Norovirus GII.4 Minerva 2006
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Norovirus
<b>Clone</b>	C2047N
<b>Purification</b>	≥95% pure (size-exclusion chromatography). Protein A Chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Liquid
<b>Size</b>	1 mg
<b>Buffer</b>	0.15M PBS, pH 7.6
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C. Aliquot to avoid multiple freeze/thaw cycles.

# BACKGROUND

## Introduction

Norovirus (previously called "Norwalk-like virus" or NLV) is a member of the family Caliciviridae. The name derives from the Latin for chalice—calyx—meaning cup-like, and refers to the indentations of the virus surface. Noroviruses can genetically be classified into 5 different genogroups (GI, GII, GIII, GIV, and GV) which can be further divided into different genetic clusters or genotypes. For example genogroup II, the most prevalent human genogroup, presently contains 19 genotypes. Genogroups I, II and IV infect humans, whereas genogroup III infects bovine species and genogroup V has recently been isolated in mice.

# GENE INFORMATION

## Synonyms

Norovirus, Norovirus virus-like particle (VLP) from GII.4 VLP 1987-2010, GII.1 1971 and GII.2 1976, Norwalk-like virus