



# Mouse Anti-Rhinovirus VP3 Monoclonal antibody, clone C2687N (CABT-RM302)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Reacts to Rhinovirus Outer Capsid Protein 3 from the following Rhinovirus types: 1a, 2, 14, 16, 17, and 70. Non-reactive to other Enteroviruses, Influenza A, Influenza B, RSV, Adenovirus, Parainfluenza virus 1, Parainfluenza virus 2, Parainfluenza virus 3, Chlamydia pneumoniae, Mycoplasma pneumonia and Hepatitis A virus.
<b>Target</b>	Rhinovirus VP3
<b>Immunogen</b>	Recombinant Rhinovirus type 14 VP3.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Rhinovirus
<b>Clone</b>	C2687N
<b>Purification</b>	> 90% pure. Protein A Chromatography
<b>Conjugate</b>	unconjugated
<b>Applications</b>	ELISA, IFA
<b>Format</b>	Liquid
<b>Concentration</b>	1.9 mg/mL
<b>Size</b>	1 mg
<b>Buffer</b>	0.01 M Phosphate Buffered Saline, pH 7.2 Product contains no stabilizing proteins.

<b>Preservative</b>	0.1% Sodium Azide
---------------------	-------------------

<b>Storage</b>	Store at 2-8°C.
----------------	-----------------

## BACKGROUND

### Introduction

The rhinovirus is the most common viral infectious agent in humans and is the predominant cause of the common cold. Rhinovirus infection proliferates in temperatures of 33–35 °C (91–95 °F), the temperatures found in the nose. Rhinoviruses belong to the genus Enterovirus in the family Picornaviridae. The three species of rhinovirus (A, B, and C) include around 160 recognized types of human rhinoviruses that differ according to their surface proteins (serotypes). They are lytic in nature and are among the smallest viruses, with diameters of about 30 nanometers.

### Keywords

Rhinovirus Outer Capsid Protein 3; Rhinovirus VP3; Rhinovirus