



# Mouse Anti-HPV18 L1 Monoclonal antibody, clone C2803N (CABT-RM292)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Recognizes the L1 (Capsid) protein of HPV Type 18.
<b>Target</b>	HPV18 L1
<b>Immunogen</b>	Proprietary
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	HPV
<b>Clone</b>	C2803N
<b>Purification</b>	> 95% pure (SDS-PAGE). Protein G Chromatography
<b>Conjugate</b>	unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Liquid
<b>Concentration</b>	3.0 mg/mL
<b>Size</b>	1 mg
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Store at 2-8°C.

# BACKGROUND

## Introduction

Human papillomavirus (HPV) is a virus from the papillomavirus family that is capable of infecting humans. Like all papillomaviruses, HPVs establish productive infections only in keratinocytes of the skin or mucous membranes. L1 is a major capsid protein of type 18 human papilloma virus. Infection with specific types of HPV has been associated with an increased risk of developing cervical neoplasia. HPV types 6 and 11 have been associated with relatively benign diseases such as genital warts but types 16 and 18 are strongly associated with cervical, vaginal, and vulvar malignancies.

## Keywords

L1; HPV18 major capsid protein L1; Human Papilloma Virus Type 18 Major Capsid Protein L1; Human papillomavirus type 18 L1; Human papillomavirus type 18 major capsid protein L1; Major capsid protein L1; Human Papilloma Virus; HPV; HPV18