



Mouse Anti-HPV16 E7 Monoclonal antibody, clone C727N (CABT-RM291)

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

PRODUCT INFORMATION

Specificity	Human Papilloma Virus Type 16 (HPV16) E7 Protein. Reacts with the monomer and dimer forms when tested in Western Blot.
Target	HPV16 E7
Immunogen	HPV oncoprotein E7, Type 16.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	HPV
Clone	C727N
Purification	≥ 95% pure (SDS-PAGE). Protein G Chromatography
Conjugate	unconjugated
Applications	ELISA, WB
Format	Liquid
Concentration	3.0 mg/mL
Size	1 mg
Buffer	Phosphate Buffered Saline, pH 7.2
Preservative	0.09% Sodium Azide

Storage

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

HPV; human papillomavirus type 16; HPV type 16 E7; E7; human papillomavirus type 16 E7; HpV16gp2; Protein E7; Transforming protein; Transforming protein human papillomavirus 16; Human Papillomavirus 16 E7; HPV16 E7; HPV16; Human Papilloma Virus
