Recombinant Anti-HPV58 E6 Antibody (V3S-0522-YC6812)

Cat. No.: V3S-0522-YC6812

Summary

Description	This product is a monoclonal antibody derived from Rabbit (*Oryctolagus cuniculus*), which ca n specifically recognize Human papillomavirus 58 protein E6. The antibody is expressed with mammalian cell transient expression system, serum-free and purified by affinity chromatogra phy. The purity and integrity are tested via SDS-PAGE and SEC-HPLC analysis. Given an ant igen, additional QC measures are also desired such as affinity testing and binding validation. Specifically, the antibody is provided in multiple formats for in vivo and in vitro assays. The *In vivo* version features greater than 95% purity, ultra-low endotoxin levels (<1 EU/mg or 0.1 E U/mg), and is preservative, stabilizer, and carrier protein-free.
Clonality	Monoclonal
Host Species	Rabbit
Target Species	Human Papillomavirus Type 58 (HPV58)
Isotype	IgG
Isotype Control	C15420
Secondary Antibody	C45771; C76327; C54620; C13205; C61077; C45563; C73013; C72413

Property

Expression Species	HEK293F or CHO
Conjugation	None
Purity	>95%, determined by SDS-PAGE and/or SEC-HPLC
Endotoxin	<1 EU/mg, determined by LAL method
Purification	Protein A affinity purified
Sterility	0.2 μM filtered
Formulation	PBS, pH 7.4
Preservation	No preservatives
Stabilizer	No stabilizers
Storage	Store at 4^{0}C within a week. For longer storage, aliquot and store at -20^{0}C.

Applications

SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-biolabs.com
Tel: 1-631-381-2994 Fax: 1-631-207-8356

Application	WB
Application Notes	The antibody is recommended for detection of HPV58 E6 by WB assay.

Target

Target	HPV58 E6
Alternative Name	protein E6
Introduction	Human papillomavirus (HPV) is a small, non-enveloped deoxyribonucleic acid (DNA) virus th at infects skin or mucosal cells. The circular, double-stranded viral genome is approximately 8 -kb in length. The genome encodes for 6 early proteins responsible for virus replication and 2 late proteins, L1 and L2, which are the viral structural proteins.
Research Area	Microbiology; Infectious Disease

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