

Datasheet: MCA2852

Description:	MOUSE ANTI HUMAN PAPILOMAVIRUS 11 PROTEIN E7
Specificity:	PAPILOMAVIRUS 11 PROTEIN E7
Other names:	HPV
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	711-66
Isotype:	IgG1
Quantity:	0.2 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
Western Blotting		▪		

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Viral
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium azide
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	Protein E7 from human papillomavirus 11.
External Database Links	UniProt: P04020 Related reagents

Fusion Partners	Spleen cells from immunised Balb/c mice were fused with cells of the Sp2/0 myeloma cell line.
Specificity	<p>Mouse anti Human Papillomavirus 11 Protein E7 antibody, clone 711-66 recognizes the E7 protein of human papilloma virus 11. Human papillomavirus (HPV) is a diverse group of DNA-based viruses that infect skin and mucous membranes of humans and animals. Type 11 HPV is a low risk type that causes anogenital warts and is not linked with cervical cancer. In rare cases HPV-11 may cause respiratory papillomatosis, where warts form on the larynx or other areas of the respiratory tract. The viral protein E7 binds to Rb (retinoblastoma protein) and histone deacetylases, resulting in activation of the E2F genes, which code for a family of transcription factors. This binding is of much lower affinity than the high-risk HPV E7 proteins. The viral proteins E6 and E7 might be of particular interest in the development of therapeutic vaccines, since they are expressed early in viral infection.</p> <p>Mouse anti Human Papillomavirus 11 Protein E7 antibody, clone 711-66 cross-reacts minimally with the E7 protein of HPV-16 and HPV-18.</p>
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody.</p>
Shelf Life	18 months from date of despatch.
Health And Safety Information	<p>Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10040 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</p>
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight@488 , DyLight@549 , DyLight@649 , DyLight@680 , DyLight@800 , FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR8...)	DyLight@800
Goat Anti Mouse IgG (STAR70...)	FITC
Rabbit Anti Mouse IgG (STAR13...)	HRP
Human Anti Mouse IgG1 (HCA036...)	HRP

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