



Meridian

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Innovative Solutions. Trusted Partner.®

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SPECIFICATION SHEET

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #:	MAV56-981	Lot #:	801323.1
Description:	MAb to HPV 16 (L1) Monoclonal Antibody to Human Papilloma Virus Type 16 (HPV), capsid L1		
Specificity:	HPV Type 16, L1 (major capsid protein)		
Host Animal:	Mouse	Isotype:	IgG _{2a} , kappa
Source:	Ascites		
Immunogen:	Beta galactosidase-L1 fusion protein	EXP. Date:	09 APR 2020
Format:	Purified, Liquid		
Purification:	>90% pure (SDS-PAGE). Protein A chromatography		
Concentration:	4.5mg/ml (OD280nm, E ^{0.1%} = 1.4)		
Buffer:	10mM Phosphate, pH 7.4 containing 150mM Sodium chloride		
Preservative:	0.1% Sodium azide		
Applications:	Suitable for use in Immunoprecipitation, Immunoblotting (also non-specifically recognizes a 41kDa protein in denaturing gels), Immunohistochemistry (paraffin embedded tissue; appropriate fixation-acetone or paraformaldehyde). Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.		
Storage:	Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.		
Safety Note(s):	See appropriate Safety Data Sheet (SDS) for additional information.		
References:	The reference listed below is for research purposes only. Karem, K.L., et al., (2002), "Optimization of a Human Papillomavirus-Specific Enzyme-Linked Immunosorbent Assay", <i>Clinical and Diagnostic Laboratory Immunology</i> , 9 (3): 577-582		

Signature

09 April 2018

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Rev 002