HPV-16 E6 + HPV-18 E6 (Human Papilloma Virus 16/18) Antibody

Mouse Monoclonal Antibody [Clone HPV16/1295 + HPV18/1297]

Catalog No	Format	Size
MSM6-1340-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
MSM6-1340-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
MSM6-1340-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	HPV16/1295 + HPV18/1297
Gene Name	N/A
Immunogen	HPV18 E6-?-galactosidase fusion protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	16/17kDa
Cellular Localization	N/A
Species Reactivity	HPV-16
Positive Control	Human cervical cancer cells. Cervical tissue.

**Optimal dilution for a specific application should be determined.*

Product Images for HPV-16 E6 + HPV-18 E6 (Human Papilloma Virus 16/18) Antibody

Specificity & Comments

Human papilloma viruses (HPVs) can be classified as either high risk or low risk according to their association with cancer. HPV16 and HPV18 are the most common of the high risk group while HPV6 and HPV11 are among the low risk types. Approximately 90% of cervical cancers contain HPV DNA of the high risk types. Mutational analysis has shown that the E6 and E7 genes of the high risk HPVs are necessary and sufficient for HPV transforming function. The specific interactions of the E6 and E7 proteins with p53 and pRB, respectively, correlate with HPV high and low risk classifications. The high risk HPV E7 proteins bind to pRB with a higher affinity than do the low risk HPV proteins, and only the high risk HPV E6 proteins form detectable complexes with p53 in vitro.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.