

HPV16 E2 (Human Papilloma Virus 16) Antibody

Mouse Monoclonal Antibody [Clone TVG 261]

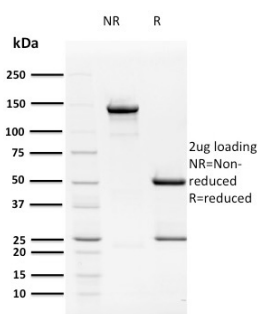
Catalog No	Format	Size
MSM10-3073-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
MSM10-3073-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
MSM10-3073-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Western Blot (WB)	2-4ug/ml	

Product Details	
Clone	TVG 261
Gene Name	N/A
Immunogen	Raised against Vaccinia-E2 followed by intravenous injection of the maltose binding protein MBP-E2
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	43kDa
Cellular Localization	N/A
Species Reactivity	HPV-16
Positive Control	HPV-16 infected cells. Cervical tissue.

*Optimal dilution for a specific application should be determined.

Product Images for HPV16 E2 (Human Papilloma Virus 16) Antibody



SDS-PAGE Analysis of Purified Mouse Monoclonal Antibody HPV16 E2 (Human Papilloma Virus 16). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

The human papilloma virus (HPV) family of DNA tumor viruses includes HPV16, a strain that is responsible for the largest number of cases of cervical cancers linked to the family. HPV16E1 and HPV16E2 are proteins that are involved in the regulation of viral DNA replication and are important for infected cell homeostasis. HPV16E2 specifically regulates the expression of the E6 and E7 oncoproteins by binding to four sites within the viral long control region, possibly involving interactions with nuclear hormone receptors. Integration of the HPV genome into the host DNA usually disrupts the HPV16E2 gene open reading frames, resulting in an overexpression of E6 and E7 genes, an event that may lead to the malignant transformation of cervical cancer. HPV16E2 is also able to induce apoptotic cell death via two pathways: the first through the binding of p53 and the second through the binding of the viral genome.

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.
