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# 36-3743: Anti-HSV1 (Herpes Simplex Virus Type I) Monoclonal Antibody(Clone: 10A3)

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|---|---|
| **Clonality :** | Monoclonal |
| **Clone Name :** | 10A3 |
| **Application :** | IHC |
| **Alternative Name :** | HSV1; Herpes simplex virus 1 |
| **Isotype :** | Mouse IgG1, kappa |
| **Immunogen Information :** | Detergent-solubilized herpes simples virus (HSV) type 1 infected cells |

## Description

The antibody reacts with HSV type 1 specific antigen. It is suitable for detection of HSV in human cellular material obtained from superficial lesions or biopsies and for the early identification of HSV in infected tissue cultures. The herpes simplex virus (HSV) (also known as cold sore, night fever or fever blister) is a virus that causes a contagious disease. There are two main types of Herpes Simplex Virus (HSV), 1 and 2. The HSV-1 strain generally appears in the orafacial organs. HSV2 usually resides in the sacral ganglion at the base of the spine. All herpes viruses are morphologically identical: they have a large double-stranded DNA genome and the virion consists of an icosahedral nucleo-capsid, which is surrounded by a lipid bilayer envelope.

## Product Info

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|---|---|
| **Amount :** | 20 µg / 100 µg |
| **Content :** | 200 µg/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 condition :** | 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. |

## Application Note

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes 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&degC followed by cooling at RT for 20 minutes);

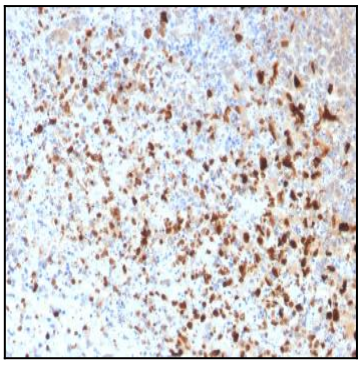


Fig. 1: Formalin-fixed, paraffin-embedded human Cervix stained with HSV1 Mouse Monoclonal Antibody (10A3).

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***

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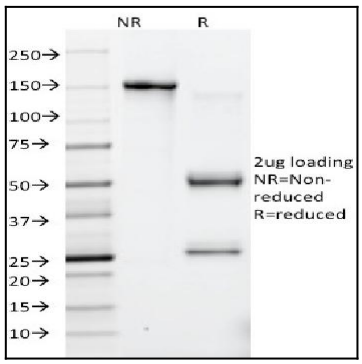



Fig. 2: SDS-PAGE Analysis Purified HSV1 Mouse Monoclonal Antibody (10A3).

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