

Adenovirus (Clone 20/11 & 2/6)

Mouse Monoclonal Antibody

Specificity: Adenovirus

Immunogen: Adenovirus

Ig Class: IgG1/κ

Storage: Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:25-100; *Positive Control:* Adenovirus infected tissue. *Cellular Localization:* Adenovirus. *Intended Use:* Analyte Specific Reagent (ASR).

Description: Adenoviruses are a group of viruses that can infect the membranes (tissue linings) of the respiratory tract, eyes, intestines, and urinary tract. Localization of adenovirus occurs in the superficial epithelium/mucosa and adenovirus must be differentiated from CMV and HSV, which have similar overlapping morphological features. Adenovirus infection is associated with a broad spectrum of clinical disease in both children and adults. It has gained more attention as an important complication in patients who have undergone bone marrow or solid organ transplantation. The incidence of adenovirus infection in bone marrow transplant patients has been reported at 5-20%. Adenovirus infection on morphology should be differentially diagnosed from other virus infections, especially CMV infection. Anti-adenovirus can assist in this differential diagnosis by showing a round or crescent-shaped nuclear inclusion, generally within the surface epithelium and is exclusively intra-nuclear in location.

Intended Use: This antibody is intended for Analyte Specific Reagent (ASR) use only. Adenovirus (clone 20/11 & 2/6) mouse monoclonal primary antibody is intended for laboratory use in the detection of adenovirus in formalin-fixed, paraffin-embedded tissue by immunohistochemical (IHC) staining. The staining results should be interpreted by qualified pathologists in conjunction with the patient's relevant clinical history.

Supplied As: Purified antibody in Tris-HCl buffer containing stabilizing protein and <0.1% sodium azide.

References:

1. Cartun RW, et al: *Mod Pathol*. 1993;6(2):212-9.
2. Yan Z et al: *Am J Surg Pathol*. 1998;22(9):1101-6.
3. Kambham N et al: *Am J Surg Pathol*. 2005;29(7):912-9.

REF Z2566ML-A/ Z2566MS-A/ Z2566MT-A/ Z2566MP-A (1.0ml Con./ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)