

Catalog No. LF-MA0177

MONOCLONAL ANTIBODY



Anti-Ad5 Hexon(65H6)

Background : Hexon is a one of adenovirus capsid proteins (240 hexons per particle). Each hexon capsomere is homotrimer of the hexon protein, a complex protein of >900 residues.

49 human adenovirus serotypes have been discovered, and divided into six subgroup, A to E, based on a variety of observation. They are an important cause of respiratory illness, conjunctivitis, and gastroenteritis and have more recently been recognized as a potential cause of sexually transmitted diseases.

Adenovirus vectors, particularly those based on Ad5, have shown great promise for the development of gene therapy protocols and have been used for clinical purpose. More recently, polyclonal antibodies against adenovirus were used for quantifying adenoviral titers.

Immunogen : Ad5 Hexon protein purified from mammalian cell

Host : Mouse

Clone number : 65H6

Isotype :

Size : 100 µl

Compositon : Hepes with 0.15M NaCl, 0.01% BSA, 0.05% Sodium azide and 50% glycerol

Positive control : Adenovirus infected 293 cell

Applications :

Western blotting(1: 2,000)

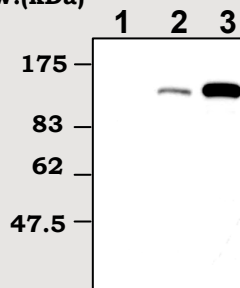
Immunocytochemistry(1: 500)

Storage : Store for 1 year at -20°C from date of shipment.

Species cross reactivity

Human NT	Mouse NT	Rat NT
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M.W.(kDa)



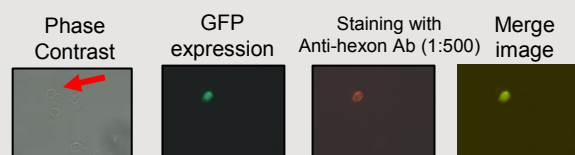
Immunoblot Analysis of cell lysates.

Lane 1 : 293 cell

Lane 2 : Ad5 Hexon transfected 293 cell

Lane 3 : adenovirus infected 293 cell

Secondary antibody: Goat Anti-mouse IgG,
Fcγ Fragment specific



293 cell was infected with GFP expressing
recombinant adenovirus

Background Reference :

- 1) Swenson, P. D. et al. (1995) J. Clin. Microbiol. 33:2728-2731.
- 2) Kozarsky, K. F. et al. (1993) Curr. Opin. Genet. Dev. 3:499-503.
- 3) O'Carroll, S. J. et al. (2000) Biotechniques. 28:408-412.

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