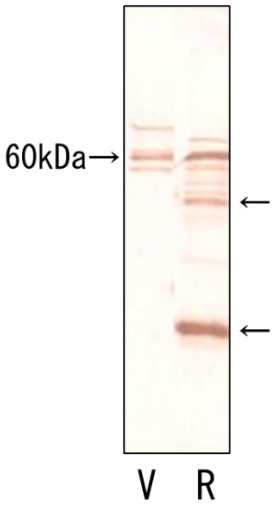
Anti-Measles virus nucleoprotein antibody, rabbit polyclonal

Product code	65-372
Size	100 µg
Storage	-20℃
Concentration	1.0 mg/ml
Buffer	PBS- with 50% glycerol
Purity	Purified IgG fraction with protein A from hybridoma cell culture medium
Immunogen	Recombinant measles virus nucleocapsid protein (nucleoprotein, NP, aa 1 to 525) expressed in *E. coli*
Isotype	rabbit IgG
Reactivity	Measles virus NP
Validation	Specificity has been validated by western blotting (Fig. 1)
Application	1.Western blotting: x1/400-800 (Fig.1) 2.Immunofluorescence: x1/400 (Fig.2)
Background	Measles virus (MV) is an acute viral illness that can be complicated by severe pneumonia, diarrhea and encephalitis and is spread through respiration. MV is the prototypic member of the Morbillivirus genus of the family Paramyxoviridae. The viral genomic RNA is single-stranded, nonsegmented, and of negative polarity and encodes six major structural proteins: the nucleocapsid protein (nucleoprotein, NP), the phosphoprotein (P), the matrix protein (M), the fusion protein (F), the hemagglutinin protein (HA), and the large or polymerase protein (L). The NP is a cytosolic protein and coated by a helical layer of the M. The NP is composed of 525 amino acid residues (60kDa), with two domains: NCORE (aa 1-400) and NTAIL (C-terminal domain, aa 401-525)
Data Link	**UniprotKB:** Q89933 NCAP_MEASF (Edmonstone B strain)

Please note: All products are FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES. NOT FOR MILITARY USE.

BioAcademia,Inc. Tel. 81-6-6877-2335 Fax. 81-6-6877-2336 info@bioacademia.co.jp https://www.bioacademia.co.jp/en/

Data Images: 65-372 Anti-Measles virus nucleoprotein antibody, rabbit polyclonal



F ig.1. Western blotting (WB) of anti-MV NP antibody.

The recombinant MV NP and the lysates of MV-infected velo/SLAM cells were applied to SDS-PAGE and WB: (V) lysate of infected cells with MV, (R) recombinant MV NP (0.2mg/ml). The antibody was used at 1/400 dilution. The HRP-conjugated goat anti-mouse IgG was used at 1/4,000 as the second antibody and visualized by DAB (3,3'-Diaminobenzidine). A protein band 60kDa is indicated as the MV NP. The upper and lower arrows correspond to the expected size of the MV NP NCORE and NTAIL (C-terminal domain), respectively.

References This antibody has not yet been used in publication.

Related product: 65-370 Anti-Measles virus nucleoprotein, mouse monoclonal (MVN-01)

BioAcademia,Inc. Tel. 81-6-6877-2335 Fax. 81-6-6877-2336 info@bioacademia.co.jp https://www.bioacademia.co.jp/en/