

Monoclonal Antibody to MLV p30 Gag protein - Aff - Purified

Alternate names:	MLV-Gag p30, Murine Leukemia Virus p30 protein
Catalog No.:	AM26127PU-N
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	Murine leukemia viruses belong to family of Retroviruses group and are named for their ability to cause cancer in mice. Some form of MLV's are used in cancer research. The retroviral Gag protein plays important roles at several stages in the viral life cycle. Late in infection, the Gag precursor protein acts to mediate the assembly and release of virion particles. After budding, the core matures by cleavage of Gag precursor protein into the mature core proteins, the matrix (MA), capsid (CA) and nucleocapsid proteins. These separated Gag proteins then play roles in the early stages of infection.
Host / Isotype:	Mouse / IgG
Clone:	4B2
Immunogen:	Full length Recombinant MLV-Gag p30 capsid protein protein, purified from <i>E. coli</i>
Format:	State: Liquid purified Ig fraction Purification: Affinity Chromatography on Protein G Buffer System: PBS, pH 7.4 Preservatives: 0.09% Sodium Azide
Applications:	Indirect ELISA: 0.05-0.1 µg/ml. ELISA Titer: 1/125000. Western blot: 0.5-1 µg/ml. Quality Control: Antigen recognition in ELISA and Western Blotting testing. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects MLV p30 Gag protein.
Storage:	Upon receipt, store (in aliquots) at -20°C to -80°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Western Blot testing of MLVgag antibody, clone 4B2 Cat.-No AM26127PU-N. Lane 1: PageRuler Prestained Protein Ladder. Lane 2: MLV-gag p30 recombinant protein expressed in E. coli.

