HIV-1 Gag p17 is the matrix protein of AIDS virus HIV-1 and is processed by digestion of its precursor Gag p55 by HIV-1 protease. This protein is indispensable to the reproduction of AIDS virus and constitute the essential element of the AIDS virus particle construction (1).

Applications
1. Western blot
2. Dot blot
3. Immunoprecipitation
4. ELISA

Other applications have not been tested

Immunogen: Purified full-size recombinant Gag p17 of HIV-1 subtype B (Ref 2) expressed in E. coli (Ref 2, 3)

Form: Whole antiserum added with 0.09% sodium azide

Size: 50ul

Storage: Sent at 4°C and upon receipt, aliquot and store at -20°C

Data Link GenBank: AAA44988.1

References


Fig.1 Detection of HIV-1 p17 and its p55 precursor protein by Western blotting using the anti-p17 antibody.
Lane 1: Extract of MT4 cells
Lane 2: Extract of MT4 cells infected with HIV-1(LAI strain)
The antiserum was diluted 2,500 fold before use.