

CATALOGUE #: 3H24

PRODUCT NAME: Monoclonal anti-HIV p24

**Recombinant
MAbs:**

GA32, GA34, GA38, GA39

Recombinant monoclonal antibody expressed in a mammalian cell line. Full-size IgG sequence derived from rabbit B cells.

GA54

Recombinant chimeric antibody expressed in a mammalian cell line. Composed of original wild type variable domains of rat derived MAb and human IgG1 constant domains.

MAbs *in vitro*:

GA12

Mouse monoclonal antibody produced in bioreactor. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

MAbs *in vivo*:

GA17

Mouse monoclonal antibody produced in ascites. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

Immunogen:

Recombinant HIV p24

Specificity:

HIV-1 p24 (group M), cross-reacts with HIV-1 p24 (group O) and HIV-2 p26

MAb isotypes:

IgG for GA32, GA34, GA38, GA39

IgG1 for GA12, GA17, GA54

Applications:

All MAbs can be used in ELISA.

Recommended pairs for HIV p24 immunodetection in sandwich-CLIA platform:

Capture	Detection
GA17	GA12
GA17	GA38
GA17	GA54
GA34	GA32
GA34	GA39

*All pairs can detect WHO HIV-1 p24 international standard material (NIBSC code: 90/636), recombinant HIV-1 p24 antigen, and recombinant HIV-2 p26 antigen:

Purification:

Protein A chromatography

Presentation:

PBS, pH 7.4, 0.09 % sodium azide (NaN₃) for GA32, GA34, GA38, GA39, GA54

50 mM sodium citrate, 150 mM NaCl, pH 6.0, 0.09 % sodium azide (NaN₃) for GA12, GA17

Storage:

+4 °C (+2 ... +8 °C allowed)

**Material
safety note:**

This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.

Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.