

DATASHEET

HIV1 p24 Mouse Monoclonal Antibody(C2447)

CAT. NO. AMA02059

KEY FEATURES

Target	HIV1 p24	Source / Host	Mouse
Reactivity	HIV1	Clonality	Monoclonal
Applications	ELISA	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.01M Phosphate Buffered Saline, pH 7.2, 50% glycerol, 0.05% Sodium Azide.	Storage	at-20°C

BACKGROUND

HIV-1 p24 is the major capsid protein of human immunodeficiency virus type 1, encoded by the gag gene. p24 is the most abundant HIV protein and a key serological marker for early HIV infection and viral load monitoring. Anti-HIV-1 p24 antibodies are used in ELISA, Western blot, IHC, and lateral flow tests for HIV diagnostics and research.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

ELISA	Use at an assay dependent dilution.
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Mouse monoclonal antibody to HIV1 p24
Specificity	Reacts only with HIV1 p24.
Antibody Type	Primary antibody
Immunogen	Recombinant HIV1 p24
Purification	Protein G purified
Form/Buffer	Liquid in 0.01M Phosphate Buffered Saline, pH 7.2, 50% glycerol, 0.05% Sodium Azide.
Alternative Names	CA; Capsid protein p24; HIV-1 Gag p24; HIV1gp1; Human immunodeficiency virus 1; Human immunodeficiency virus type 1 p24

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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| DATA**| STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

| NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.