



Antibodies and Antigens
are in Our Blood.

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Monoclonal Antibody Data Sheet

Product: *HIV-1 gp41*

Catalog #: 10-001201

New Catalog #: 10-001201 **Host:** mouse

Immunogen: purified full length recombinant gp41 (HIV-1) produced in E. coli Expression System

Clone #: 1577

Subclass: IgG1

Concentration: 100µg per vial **Affinity Constant:** N/A

Cross Reactivity: Recognizes recombinant gp41 in ELISA and Western Blot.
Epitope mapped to (733-750)

Form: lyophilized in PBS buffer, reconstitute with sterile water. >95% pure by SDS-PAGE.
Not tested for sterility or endotoxin content.

Storage: 4°C when lyophilized. After reconstitution aliquot and freeze at -70°C. Avoid
multiple freeze-thaw cycles.

Additional Remarks: Optimal dilutions should be determined by the customer, based on titration.
Suggested starting dilutions if the antibody concentration is 1mg/ml are listed below:
Western Blot: 1:500 to 1:1000
ELISA: 1:500 to 1:1000

FOR INVITRO USE ONLY

CAUTION, not for use in humans or clinical diagnosis: This product is intended for research or manufacturing use only. It is pharmaceutically unrefined, and verification of its suitability for use in humans or as clinical diagnostic reagents and the compliance with all Federal and State laws regulating such applications are the responsibility of the purchaser. There is no expressed or implied warranty. No liability is assumed for fitness of purpose and merchantability, or direct or consequential damages. The user assumes all responsibility for care, custody and control of the material, including its disposal, in accordance with all regulations.