

Mouse HIV1 gp41 Monoclonal Antibody | anti-HIV1 gp41 antibody

HIV1 gp41 antibody

CATALOG #
AAA74402HOST
Mouse

PRODUCT SYNONYMS

HIV1 gp41; Monoclonal Antibody; HIV1 gp41 antibody; Monoclonal HIV1 gp41; Anti-HIV1 gp41; SU; HIV gp4 -1; Envelope surface glycoprotein gp41; HIV-1 gp41; gp41 glycoprotein; HIV gp4 1; HIV 1 gp41; Surface protein; gp41; Human Immunodeficiency Virus 1; Glycoprotein 41; anti-HIV1 gp41 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	M5101022
Specificity	HIV-1
Purity/Purification	> 90% pure
Form/Format	Purified IgG by protein A chromatography supplied in PBS buffer, pH 7.2 with 0.1% NaN ₃
Concentration	100 ug/ml (varies by lot)
Biological Significance	gp41 is a glycoprotein subunit that remains non-covalently-bound to gp120, and provides the second step by which HIV enters the cell. It is originally buried within the viral envelope, but, when gp120 binds to a CD4, gp120 changes its conformation, causing gp41 to become exposed, where it can assist in fusion with the host cell.
Cross-Reactivity	This antibody recognizes envelope gp41
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Immunogen	HIV1 gp41 antibody was raised in mouse using purified HIV1 envelope gp41 as the immunogen.
Preparation and Storage	Aliquot and store at -20 degree C. Avoid repeated freeze/thaw cycles

ADDITIONAL INFORMATION

Related Product Information for anti-HIV1 gp41 antibody	Mouse monoclonal HIV1 gp41 antibody
Product Categories/Family for anti-HIV1 gp41 antibody	Infectious Disease

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.