

Monoclonal anti-HIV-1 gp120/160

Product reference: DDX1303

Description

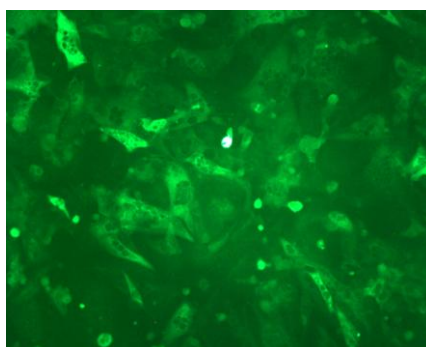
HIV *env* gene encodes for a primary env product (gp160) which is cleaved into gp120 and gp41. gp120 is anchored to the viral membrane, *via* non-covalent bonds with the transmembrane glycoprotein, gp41. Mice were immunized with gp160 and gp120 recombinant proteins and the CHO-NL4.3 line expressing gp120 and the extracellular domain of gp41.

Clone: 109A2.01
Specificity: HIV gp120 and gp160
Immunogen: gp160 (HIVIIIB from Biomérieux), gp120 (BAL from NIH), and CHO-NL4.3 cells
Isotype: IgG1
Purification: QMA Hyper D ion exchange chromatography
Formulation/size: **Purified:** 100 µg in 200 µl / 50 µg in 100 µl Tris-NaCl pH 8
Coupled: 100 µg in 200 µl / 50 µg in 100 µl PBS 50% glycerol

Available formats:

Reference N°		Format	Application tested
50µg	100µg		
DDX1303P-50	DDX1303P-100	Purified	Flow cytometry, IF, gp120 detection on primary isolates
DDX1303A647-50	DDX1303A647-100	Alexa- fluor®647 (on request)	
DDX1303B-50	DDX1303B-100	Biotin (on request)	

Other clones available on request



IF staining of CHO-SEC with 109A2.01

Usage recommendation: *This monoclonal antibody may be used between 5-25µg/ml.
*Optimal dilution should be determined by each laboratory for each application.
*Coupled antibody: to maintain RT before use.

Aliquot storage conditions: **-20°C. KEEP CONTENTS STERILE: no preservative.**
Purified antibodies: avoid repeated freeze/thaw cycles.
Coupled antibodies: glycerol protects from freezing.

Not for use in Humans. For research purpose only