

Monoclonal anti-HIV-1 gp120/160

Product reference: DDX1301

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.

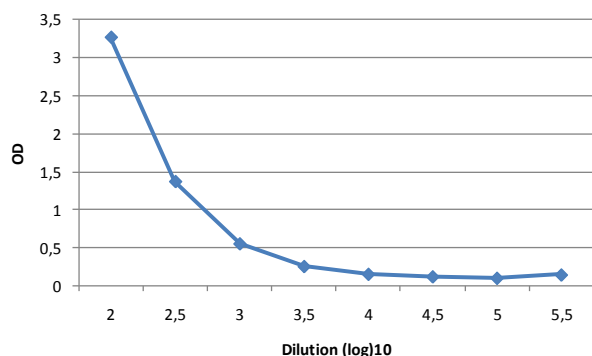
Clone:	113B4.07
Specificity:	HIV gp120 and gp160
Immunogen:	gp160 (HIVIIIB from Biomérieux), gp120 (BAL from NIH), and CHO-NL4.3 cells
Isotype:	IgG1
Purification:	QMA Hyper D ion exchange chromatography
Formulation/size:	Purified: 100 µg in 200 µl / 50 µg in 100 µl Tris-NaCl pH 8
	Coupled: 100 µg in 200 µl / 50 µg in 100 µl PBS 50% glycerol

Available formats:

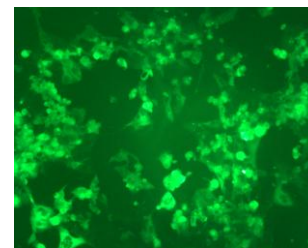
Reference N°		Format	Application tested
50µg	100µg		
DDX1301P-50	DDX1301P-100	Purified	Flow cytometry, capture ELISA gp120, IF
DDX1301B-50	DDX1301B-100	Biotin (on request)	

Other clones available on request

gp120 detection in CHO-SEC supernatant by sandwich ELISA



Capture (5µg/ml)
113B4.07 (DDX1301)
Detection (5µg/ml)
115F10.05 (DDX1302)



IF staining of CHO-SEC with 113B4

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