



Mouse Anti-HIV gp160/gp120 Monoclonal antibody, clone CN714 (DMAB-CS24025)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody recognizes human HIV, gp160,120 protein
Target	HIV gp160/gp120
Immunogen	A recombinant protein of 20-250aa glycoprotein 160
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	HIV
Clone	CN714
Purification	Protein A
Conjugate	unconjugated
Applications	WB, ELISA, IP, IHC
Format	Liquid
Size	100 µg
Buffer	Supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer
Preservative	None
Storage	Store at -20°C to -70°C.

BACKGROUND

Introduction

HIV-1 glycoprotein gp160 is cleaved into two chains: surface protein gp120, and transmembrane protein gp41. The surface protein gp120 attaches the virus to the host lymphoid cell by binding to the primary receptor CD4. The transmembrane protein gp41 acts as a class I viral fusion protein. Inhibitors targeting HIV-1 viral envelope proteins are often used as antiretroviral drugs.

Keywords

HIV; human immunodeficiency virus; HIV gp160; HIV gp120; HIV gp160/gp120