



Mouse Anti-SIV gp160/gp120 Monoclonal antibody, clone LL28 (CABT-CS089)

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

PRODUCT INFORMATION

Specificity	Reacts with the SIV env region (a.a. 8-303). Reacts in WB with gp160/gp120; also reactive in RIPA and surface fluorescence assays. Neutralizing antibody. Recognizes SIV strains mac251, cyn186, and sm7, but not SIV Delta, HIV-2SBL, or HIV-2CBL21.
Target	SIV gp160/gp120
Immunogen	SIVmac251 gp160 vaccinia recombinant (vAbT253)
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	SIV
Clone	LL28
Conjugate	unconjugated
Applications	RipA, WB, Neut
Format	Liquid
Size	100 µg
Buffer	PBS
Preservative	None
Storage	Keep at 4°C for short term storage and -80°C for long term storage. Avoid freeze-thaw cycles as reagent degradation may result.

BACKGROUND

Introduction	Gp120 is coded by the env gene, which is around 2.5 kb long and codes for around 850 amino acids. The primary env product is the protein gp160, which gets cleaved to gp120 (~480 amino acids) and gp41 (~345 amino acids) in the endoplasmatic reticulum by the cellular protease furin.
Keywords	SIV gp160/gp120; SIV gp160; SIV gp120; SIV