



Mouse Anti-HIV-1(Strain MN) Monoclonal antibody, clone IH-2 (CABT-RM290)

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

PRODUCT INFORMATION

Specificity	HIV-1 MN Principal Neutralizing Domain. Cross-reacts with MN related isolates.
Target	HIV-1(Strain MN)
Immunogen	HIV-1 env a.a. 307-319 (peptide KRIHIGPGRAYT, a sequence derived from the PND of HIV stain MN)
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	HIV
Clone	IH-2
Purification	Protein A column
Conjugate	unconjugated
Applications	N/A
Epitope	a.a. 307-319
Reconstitution	Reconstitute with 0.2ml of water. Mix gently, wash the sides of the vial and wait 30-60 seconds before use.
Format	Lyophilized
Size	200 µg
Preservative	None

Storage	Store lyophilized product (up to 2 years) at 2-8°C. After reconstitution, if not used within a month, aliquot and store at -20°C.
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BACKGROUND

Introduction	HIV-1 is the most common and pathogenic strain of the virus. Scientists divide HIV-1 into a major group (Group M) and two or more minor groups, namely Group N, O and possibly a group P. Each group is believed to represent an independent transmission of SIV into humans (but subtypes within a group are not). A total of 39 ORFs are found in all six possible reading frames (RFs) of HIV-1 complete genome sequence, but only a few of them are functional.
Keywords	HIV 1; HTLV3; Human Immunodeficiency Virus 1; HIV1; HIV types 1; Human Immunodeficiency Virus type 1; HIV-1
