

Product datasheet for **AM26083PU-N**

HIV-1 Tat (6-12) Mouse Monoclonal Antibody [Clone ID: 7 (02-002)]

Product data:

Product Type:	Primary Antibodies
Clone Name:	7 (02-002)
Applications:	ELISA, WB
Recommended Dilution:	Reacts in ELISA and Western blot with HIV-1 Tat of BH10, IIB strains. Titer with rTat BH10: ELISA: 1:2000. Western blot: 1:500.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody detects HIV-1 Tat regulatory protein, mapped to amino acids 6-12 (PRLEPWK - B subtype a.a. consensus). It reacts with the rTat consensus sequences of HIV-1 subtypes A (PNLEPWH), B (PRLEPWK) and C (PNLEPWN).
Formulation:	PBS pH 7.4, with 0.09% sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, store (in aliquots) at -20 to -70 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Background:	HIV is a highly variable virus which mutates very readily. This means there are many different strains of HIV, even within the body of a single infected person. The strains of HIV1 can be classified into three groups: the "major" group M, the "outlier" group O and the "new" group N. These three groups may represent three separate introductions of simian immunodeficiency virus into humans. Group O appears to be restricted to West-Central Africa and group N, discovered in 1998 in Cameroon, is extremely rare. More than 90% of HIV1 infections belong to HIV1 group M.



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Synonyms: HIV1, HIV-I, Human immunodeficiency virus type 1