

Table 10: **Tat**

MAB ID	HXB2 Location	Author's Location	Sequence	Neutralizing	Immunogen	Species (Isotype)
218 NT3/2D1.1	Tat(2-15) References: [Dingwall (1989)] • NT3/2D1.1: Immunoprecipitates and immunoblots HIV-1 tat protein [Dingwall (1989)] • NT3/2D1.1: UK Medical Research Council AIDS reagent: ARP352	Tat()	EPVDPNLEPWNHPS		Peptide tat(2-15)	murine(IgG ₁ a)
219 1.2	Tat(2-17) References: [Ovod (1992), Ranki (1995)] • 1.2: Weak expression of Tat observed in HIV + brain tissue sample, in contrast to Nef [Ranki (1995)]	Tat(1-16)	EPVDPRLWKHPGSQ			()
220 1D9D5	Tat(2-21) References: [Mhashilkar (1995), Valvatne (1996)] • 1D9D5: Single chain antibodies ("intrabodies'") were engineered that can be stably expressed in the cytoplasm of mammalian cells – co-expression of an N-term "intrabody" can inhibit transactivation of an HIV LTR-CAT construct and block import into nucleus, but "intrabody" specific for exon 2 did not inhibit activity [Mhashilkar (1995)] • 1D9D5: Exogenously delivered Tat can efficiently transactivate an HIV-LTR-CAT construct in HeLa cells in the presence of 1D9D5, suggesting when considered with the results of [Mhashilkar (1995)], that free Tat and not Ab bound is taken up by cells [Valvatne (1996)]	Tat()	EPVDPRLWKHPGSQPKTA		rec HIV-1 tat A	murine(IgG ₁)
221 NT2/4D5.24	Tat(73-86) References: [Dingwall (1989)] • NT2/4D5.24: Immunoprecipitates and immunoblots HIV-1 tat protein [Dingwall (1989)]	Tat()	PTSQPRGDPTGPKKE		Peptide Tat(73-86)	murine()
222 2D9D5	Tat() References: [Mhashilkar (1995)] • 2D9D5: Single chain antibodies ("intrabodies'") were engineered that can be stably expressed in the cytoplasm of mammalian cells – co-expression of C-term "intrabody" did not inhibit transactivation of an HIV LTR-CAT construct, in contrast to MAb 1D9D5 [Mhashilkar (1995)]	Tat(C-term)			purified, recombinant HIV-1 Tat	murine(IgG)
223 L-anti-Tat	Tat() Donor: AGMED, Inc., Bedford, MA USA References: [Cruikshank (1997)] • L-anti-Tat: Lipidated antibody can be taken up by cells and effectively block IIIB and primary virus HIV-1 replication in actively and latently infected cells [Cruikshank (1997)]	Tat()		L P (when lipidated)	rec Tat	murine(IgG ₁)