

Table 3: p2p7p1p6

MAB ID	HXB2 Location	Author's Location	Sequence	Neutralizing	Immunogen	Species(Isotype)
107 LH-104-G	p2p7p1p6(1–5) References: [Haaheim (1991)] <ul style="list-style-type: none"> LH-104-G: Reacts with both p24 and p55, in contrast to LH-104-I –Haaheim91 LH-104-G: UK Medical Research Council AIDS reagent: ARP320 This pepetide appears to overlap the p24-p2 cleavage site 	p24(363–368 BRU)	LAEAMS	no	Peptide	murine(IgG ₁ κ)
108 i5B11	p2p7p1p6(19–28) References: [Otake (1994), Tanchou (1994), Tanchou (1995)] <ul style="list-style-type: none"> i5B11: i5B11 and 15B11 may be two names for the same MAb i5B11: Epitope mapped by ELISA and BIAcore – inhibits NCp7 primer tRNA binding –Tanchou94 i5B11: MAb reacts with NCp7, NCp15, and partially inhibits NCp7-tRNA interaction –Tanchou95 	p7(5–14)	NFRNQRKIVK	no	purified NCp7	rat(IgG _{2a})
109 EC6	p2p7p1p6(45–54) References: [Hinkula (1990)] <ul style="list-style-type: none"> EC6: Epitope defined by peptide blocking of binding to native protein – WB reactive with p53 –Hinkula90 	p15(408–417 HXB2)	PRKKGCWKCG	no	rec p24-15	murine(IgG _{2a} κ)
110 M12	p2p7p1p6(45–54) References: [Hinkula (1990)] <ul style="list-style-type: none"> M12: There is a p15 and a gp120 MAb both called M12 M12: Epitope defined by peptide blocking of binding to native protein – WB reactive with p53 –Hinkula90 	p15(408–417 HXB2)	PRKKGCWKCG	no	rec p24-15	murine(IgG ₁ κ)
111 HH3	p2p7p1p6(66–81) References: [Tanchou (1994), Tanchou (1995)] <ul style="list-style-type: none"> HH3: Epitopes mapped by ELISA and BIAcore – does not inhibit NCp7 primer tRNA binding –Tanchou94 HH3: Binds proximal to the second zinc-finger –Tanchou95 	p7(52–67)	RQANFLGKIWPSYKGR	no	purified NCp7	murine(IgG _{2b})
112 EB5	p2p7p1p6(66–81) References: [Tanchou (1995)] <ul style="list-style-type: none"> EB5: Binds proximal to the second zinc-finger – mutation at position 59 (Lys to Ser) results in 10-fold reduction in reactivity –Tanchou95 	p7(52–67)	RQANFLGKIWPSYKGR		purified NCp7	murine()
113 DG8	p2p7p1p6(66–81) References: [Tanchou (1995)] <ul style="list-style-type: none"> DG8: Binds proximal to the second zinc-finger, inhibits NCp7-tRNA interaction –Tanchou95 	p7(52–67)	RQANFLGKIWPSYKGR		purified NCp7	murine()

HIV Monoclonal Antibodies

MAb ID	HXB2 Location	Author's Location	Sequence	Neutralizing	Immunogen	Species(Isotype)
114 FC12	p2p7p1p6(78-86) References: [Tanchou (1995)] • FC12: Binds at C term of NCp7, reacts with NCp15, inhibits NCp7-tRNA interaction –Tanchou95	p7(64-72)	YKGRPGNFL	no	purified NCp7	murine(IgG)
115 JF11	p2p7p1p6(78-86) References: [Tanchou (1994), Tanchou (1995)] • JF11: Epitopes mapped by ELISA and BIAcore – does not inhibit NCp7 primer tRNA binding –Tanchou94 • JF11: Binds at C term of NCp7 –Tanchou95	p7(64-72)	YKGRPGNFL	no	purified NCp7	murine(IgG ₁)
116 GE4	p2p7p1p6(78-86) References: [Tanchou (1995)] • GE4: Binds at C term of NCp7 –Tanchou95	p7(64-72)	YKGRPGNFL	no	purified NCp7	murine(IgG)
117 AD2	p2p7p1p6(78-86) References: [Tanchou (1995)] • AD2: Binds at C term of NCp7 –Tanchou95	p7(64-72)	YKGRPGNFL	no	purified NCp7	murine(IgG)
118 EC3	p2p7p1p6(78-86) References: [Tanchou (1995)] • EC3: Binds at C term of NCp7 –Tanchou95	p7(64-72)	YKGRPGNFL	no	purified NCp7	murine(IgG)
119 CA5	p2p7p1p6(78-86) References: [Tanchou (1995)] • CA5: Binds at C term of NCp7 –Tanchou95	p7(64-72)	YKGRPGNFL	no	purified NCp7	murine(IgG)
120 DF3	p2p7p1p6(78-86) References: [Tanchou (1995)] • DF3: Binds at C term of NCp7 –Tanchou95	p7(64-72)	YKGRPGNFL	no	purified NCp7	murine(IgG)
121 JB7	p2p7p1p6(78-86) References: [Tanchou (1995)] • JB7: Binds at C term of NCp7 –Tanchou95	p7(64-72)	YKGRPGNFL	no	purified NCp7	murine(IgG)