

Table 2: p7

Mab ID	Location	WEAU	Sequence	Neutralizing	Immunogen	Species(Isotype)
120	i5B11 p7(5-14) Donor: Bruce Chesebro and Kathy Wehrly, Rocky Mountain Laboratories, Hamilton, Montana References: [Otake et al.(1994), Tanchou et al.(1994), Tanchou et al.(1995)] NOTES:	p7(5-14)	NFRNRQRKIVK	N	purified NCp7	rat(IgG _{2a})
	<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 [Tanchou et al.(1994)] • i5B11: MAb reacts with NCp7, NCp15, and partially inhibits NCp7-tRNA interaction [Tanchou et al.(1995)] 					
121	HH3 p7(52-67) Donor: Bruce Chesebro and Kathy Wehrly, Rocky Mountain Laboratories, Hamilton, Montana References: [Tanchou et al.(1994), Tanchou et al.(1995)] NOTES:	p7(52-67)	RQANFLGKIWPSSYKGR	N	purified NCp7	murine(IgG _{2b})
	<ul style="list-style-type: none"> • HH3: Epitopes mapped by ELISA and BIAcore – does not inhibit NCp7 primer tRNA binding [Tanchou et al.(1994)] • HH3: Binds proximal to the second zinc-finger [Tanchou et al.(1995)] 					
122	EB5 p7(52-67) Donor: Bruce Chesebro and Kathy Wehrly, Rocky Mountain Laboratories, Hamilton, Montana References: [Tanchou et al.(1995)] NOTES:	p7(52-67)	RQANFLGKIWPSSYKGR		purified NCp7	murine
	<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 [Tanchou et al.(1995)] 					
123	DG8 p7(52-67) Donor: Bruce Chesebro and Kathy Wehrly, Rocky Mountain Laboratories, Hamilton, Montana References: [Tanchou et al.(1995)] NOTES:	p7(52-67)	RQANFLGKIWPSSYKGR		purified NCp7	murine
	<ul style="list-style-type: none"> • DG8: Binds proximal to the second zinc-finger, inhibits NCp7-tRNA interaction [Tanchou et al.(1995)] 					
124	FC12 p7(64-72) Donor: Bruce Chesebro and Kathy Wehrly, Rocky Mountain Laboratories, Hamilton, Montana References: [Tanchou et al.(1995)] NOTES:	p7(64-72)	YKGRPGNFL	N	purified NCp7	murine(IgG)
	<ul style="list-style-type: none"> • FC12: Binds at C term of NCp7, reacts with NCp15, inhibits NCp7-tRNA interaction [Tanchou et al.(1995)] 					

HIV Monoclonal Antibodies

MAb ID	Location	WEAV	Sequence	Neutralizing	Immunogen	Species(Isotype)
125 JF11	p7(64-72) Donor: Bruce Chesebro and Kathy Wehrly, Rocky Mountain Laboratories, Hamilton, Montana References: [Tanchou et al.(1994), Tanchou et al.(1995)] NOTES: • JF11 : Epitopes mapped by ELISA and BIAcore – does not inhibit NCp7 primer tRNA binding [Tanchou et al.(1994)] • JF11 : Binds at C term of NCp7 [Tanchou et al.(1995)]	p7(64-72)	YKGRPGNFL	N	purified NCp7	murine(IgG ₁)
126 GE4	p7(64-72) Donor: Bruce Chesebro and Kathy Wehrly, Rocky Mountain Laboratories, Hamilton, Montana References: [Tanchou et al.(1995)] NOTES: • GE4: Binds at C term of NCp7 [Tanchou et al.(1995)]	p7(64-72)	YKGRPGNFL	N	purified NCp7	murine(IgG)
127 AD2	p7(64-72) Donor: Bruce Chesebro and Kathy Wehrly, Rocky Mountain Laboratories, Hamilton, Montana References: [Tanchou et al.(1995)] NOTES: • AD2: Binds at C term of NCp7 [Tanchou et al.(1995)]	p7(64-72)	YKGRPGNFL	N	purified NCp7	murine(IgG)
128 EC3	p7(64-72) Donor: Bruce Chesebro and Kathy Wehrly, Rocky Mountain Laboratories, Hamilton, Montana References: [Tanchou et al.(1995)] NOTES: • EC3: Binds at C term of NCp7 [Tanchou et al.(1995)]	p7(64-72)	YKGRPGNFL	N	purified NCp7	murine(IgG)
129 CA5	p7(64-72) Donor: Bruce Chesebro and Kathy Wehrly, Rocky Mountain Laboratories, Hamilton, Montana References: [Tanchou et al.(1995)] NOTES: • CA5: Binds at C term of NCp7 [Tanchou et al.(1995)]	p7(64-72)	YKGRPGNFL	N	purified NCp7	murine(IgG)
130 DF3	p7(64-72) Donor: Bruce Chesebro and Kathy Wehrly, Rocky Mountain Laboratories, Hamilton, Montana References: [Tanchou et al.(1995)] NOTES: • DF3: Binds at C term of NCp7 [Tanchou et al.(1995)]	p7(64-72)	YKGRPGNFL	N	purified NCp7	murine(IgG)

HIV Monoclonal Antibodies

Mab ID	Location	WEAV	Sequence	Neutralizing	Immunogen	Species(Isotype)
131 JB7	p7(64-72) Donor: Bruce Chesebro and Kathy Wehrly, Rocky Mountain Laboratories, Hamilton, Montana References: [Tanchou et al.(1995)] NOTES:	p7(64-72)	YKGRPGNPL	N	purified NCp7	murine(IgG)
	<ul style="list-style-type: none"> • JB7: Binds at C term of NCp7 [Tanchou et al.(1995)] 					
132 ED8	p7(dis) Donor: Bruce Chesebro and Kathy Wehrly, Rocky Mountain Laboratories, Hamilton, Montana References: [Tanchou et al.(1995)] NOTES:	p7(dis)	DISCONTINUOUS	N	purified NCp7	murine(IgG)
	<ul style="list-style-type: none"> • ED8: Binds NCp7 independent of Zn fingers, does not react with NCp15 [Tanchou et al.(1995)] 					
133 AC2	p7(dis) Donor: Bruce Chesebro and Kathy Wehrly, Rocky Mountain Laboratories, Hamilton, Montana References: [Tanchou et al.(1995)] NOTES:	p7(dis)	DISCONTINUOUS	N	purified NCp7	murine(IgG)
	<ul style="list-style-type: none"> • AC2: Binds NCp7 independent of Zn fingers, does not react with NCp15 [Tanchou et al.(1995)] 					
134 CD9	p7(dis) Donor: Bruce Chesebro and Kathy Wehrly, Rocky Mountain Laboratories, Hamilton, Montana References: [Tanchou et al.(1995)] NOTES:	p7(dis)	DISCONTINUOUS	N	purified NCp7	murine(IgG)
	<ul style="list-style-type: none"> • CD9: Binds NCp7 independent of Zn fingers, does not react with NCp15 [Tanchou et al.(1995)] 					
135 BE10	p7(dis) Donor: Bruce Chesebro and Kathy Wehrly, Rocky Mountain Laboratories, Hamilton, Montana References: [Tanchou et al.(1995)] NOTES:	p7(dis)	DISCONTINUOUS	N	purified NCp7	murine(IgG)
	<ul style="list-style-type: none"> • BE10: Binding NCp7 requires Zn fingers, does not react with NCp15, inhibits NCp7-tRNA interaction [Tanchou et al.(1995)] 					