

MURINE MONOCLONAL ANTIBODIES TO HUMAN RETROVIRUSES

EIA = Enzyme Immunoassay
WB = Western Blot
RIPA = Radioimmunoprecipitation Assay
IFA = Immunofluorescent Assay
ND = Not Determined

Target	Catalog #	Clone	EIA	WB	RIPA	IFA	Cross-Reactivity	Isotype	Domain	Purification	Comments
Anti-HIV-1											
RT	0801007 0801128	39/4.12.2	+	+	-	-	HIV-2	IgG1	ND	Protein A	Reacts with p66, p51.
p17	0801005 0801123	32/5.8.42	+	+	+	+	-	IgG2b	a.a. 12-19	Protein A	
p17	0801077 0801115	32/1.24.89	+	+	+	+	-	IgG1	a.a. 17-22	Ammonium Sulfate	RIPA reactive with p55 only.
p17	0801076 0801122	2D11	+	+	+	+	-	IgG1	ND	Ammonium Sulfate	Conformational epitope (i.e. pepscan negative).
p24	0801078 0801124	32/5.17.76	+	+	+	+	-	IgG1	ND	Ammonium Sulfate	Used as solid phase immune absorbent for purification of p24.
p24	0801004 0801125	38/8.7.47	+	+	+	+	-	IgG1	ND	Ammonium Sulfate	
p24	0801079 0801126	39/5.1.23	+	+	+	+	-	IgG1	ND	Ammonium Sulfate	
p24	0801080 0801136	39/5.4A	+	+	+	+	-	IgG1	ND	Protein G	Useful as solid phase for capture of p24 in an antigen ELISA format.
p24	0801081 0802014	39/6.14	+	+	+	+	HIV-2, SIV	IgG1	ND	Protein G	Useful as solid phase for capture of p24 or SIV p27 in an antigen ELISA format.
gp41	0801006 0801121	10E9	+	+	+	+	-	IgG1	ND	Protein A	
Anti-HTLV-I											
p19	0801082 0801108	45/6.11.1.3	+	+	+	+	-	IgG1	ND	Ammonium Sulfate	Reacts strongly with HTLV-I p19. Useful as probe antibody in an antigen ELISA.
p19	0801003 0801107	TP-7	+	+	+	+	HTLV-II	IgG1	ND	Ammonium Sulfate	FACS Positive.
p24	0801018 0801110	46/3.24.4	+	+	+	ND	HTLV-II	IgG1	ND	Protein A	
gp46	0802004 0801094	65/6C2.2.34	+	+	+	+	HTLV-II	IgG1	a.a. 210-306	Ammonium Sulfate	Reacts with gp46 and with MTA-4 recombinant HTLV-I env. Reacts on formalin fixed tissue.
gp46	0801084 0801127	67/5.5.13.1	+	+	+	+	HTLV-II	IgG1	a.a. 210-306	Ammonium Sulfate	Reacts with gp46 and precursor to env in RIPA.
gp46	0801085 0801118	68/4.11.21	+	+	+	+	-	IgG1	a.a. 190-209	Ammonium Sulfate	Reacts strongly with MTA-4 recombinant HTLV-I env.
Anti-HTLV-II											
p19	0801093 0801113	78/6.18.07	+	+	ND	+	-	IgG2b	ND	Ammonium Sulfate	Reacts strongly with HTLV-II p19. Useful as probe antibody in an antigen ELISA.
p24	0801087 0801120	75/4.21.11	+	+	+	+	HTLV-I	IgG1	ND	Protein G	Reacts strongly with HTLV-I on WB and RIPA.
gp46	0801086 0801119	73/4.9.8	+	+	+	+	HTLV-I	IgG1	ND	Protein A	