

Table 5: **Protease**

MAB ID	HXB2 Location	Author's Location	Sequence	Neutralizing	Immunogen	Species(Isotype)
144 10E7	Protease(36–46) References: [Croix (1993)] • 10E7: Immunodominant region of protease in Armenian hamster (but only weakly reactive in people, see: – Bjorling92) – peptide MSLPGRWKP blocks protease binding –Croix93	Pro()	MSLPGRWKPKM	no	rec Protease	hamster(IgG)
145 F11.2.32	Protease(36–46) References: [Lescar (1996), Lescar (1997)] • F11.2.32: Binding leads to significant inhibition in proteolytic activity – crystal structure of Fab-peptide was determined to 2.2 Å resolution – bound peptide shows no structural similarity to the corresponding segment in native protease suggesting binding may distort protein structure –Lescar97	Pro(36–46 BH10)	MSLPGRWKPKM		rec BH10 Protease	murine(IgG _{1κ})
146 8G5	Protease(38–45) References: [Croix (1993)] • 8G5: Binds to MSLPGRWKPKM with slightly higher affinity –Croix93	Pro(38–45 HXB2)	LPGRWKPK	no	rec Protease	hamster(IgG)
147 13E1	Protease(38–45) References: [Croix (1993)] • 13E1: Binds to MSLPGRWKPKM with slightly higher affinity –Croix93	Pro(38–45 HXB2)	LPGRWKPK	no	rec Protease	hamster(IgG)
148 8B11	Protease(38–45) References: [Croix (1993)] • 8B11: Binds to MSLPGRWKPKM with slightly higher affinity –Croix93	Pro(38–45 HXB2)	LPGRWKPK	no	rec Protease	hamster(IgG)
149 8C10	Protease(38–45) References: [Croix (1993)] • 8C10: Binds to MSLPGRWKPKM with slightly higher affinity –Croix93	Pro(38–45 HXB2)	LPGRWKPK	no	rec Protease	hamster(IgG)