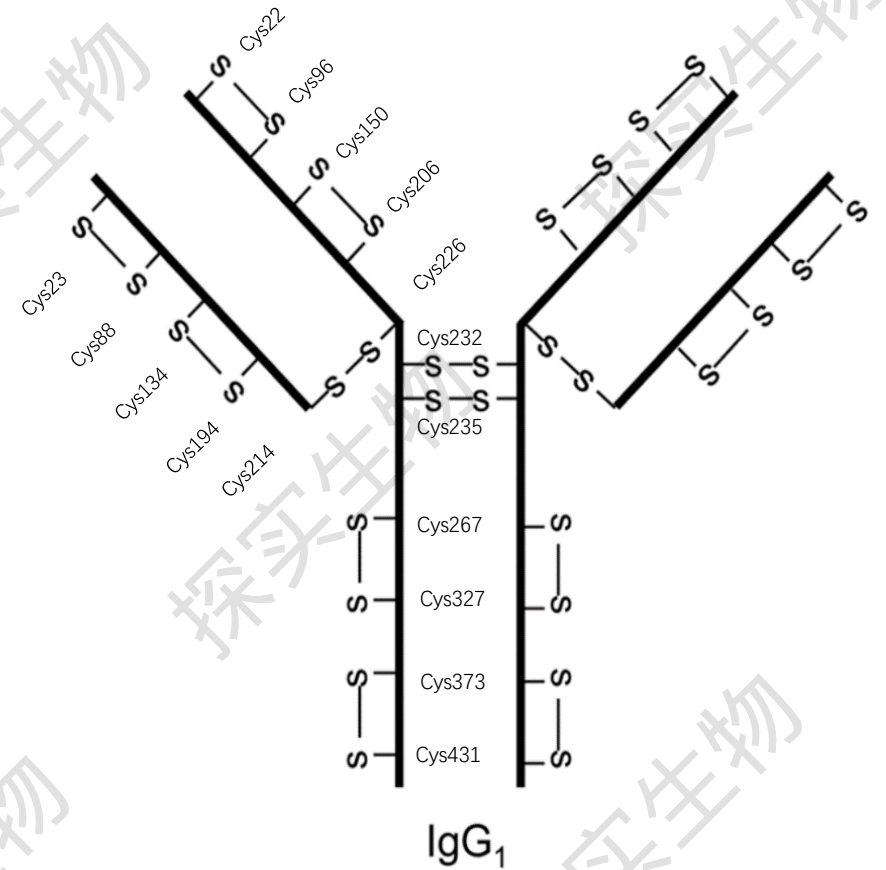


# 二硫键质谱鉴定-IgG1

Fragment label	Linkage	Expected mass (Da)	Observed mass (Da)	Mass error (ppm)	Frangementation confirm
1:T2-1:T5	Cys 23=Cys 88	7344.40414	7344.3887	-2.1	✓
1:T9-1:T16	Cys 134=Cys 194	3556.7563	3556.7554	-0.2	✓
1:T17-18-2:T17	Cys 214=Cys 226	1261.4936	1261.4927	-0.7	✓
2:T2-2:T9	Cys 22=Cys 96	3371.4806	3371.4799	-0.2	✓
2:T12-2:T13	Cys 150=Cys 206	7917.92663	7917.9179	-1.1	✓
2:T18-3:T18	Cys 232=Cys 232,Cys 235=Cys 235	5455.79065	5455.776	-2.7	✓
2:T20-2:T26-27	Cys 267=Cys 327	2757.34336	2757.3435	0.1	✓
2:T34-2:T39	Cys 373=Cys 431	3845.83088	3845.8282	-0.7	✓



# 二硫键-质谱数据展示

Theoretical Mono m/z	Observed Mono m/z	Error (PPM)	Chains	Peptide	Disulfide Bonds	Sequence
1091.964	1091.965	0.62163	3;4	T18;T18	3.T18@4(232)=4.T18@4(232), 3.T18@7(235)=4.T18@7(235)	THTCPPCPAPELLGGPSVFLFPPKPK; THTCPPCPAPELLGGPSVFLFPPKPK

● +MS/MS (100 - 2000) from IgG1\_Disulfide\_XMJ\_20211123.wiff2 (sample 1) - IgG1\_Disulfide\_XMJ\_20211123, Experiment 4 @ 44.28 min, Precursor: 1091.9652 Da.

