

Affinity of protein A and protein G to different IgG subclasses:

Whole Antibodies					
	Protein A	Protein G		Protein A	Protein G
Human IgG ₁	++	++	Sheep IgG	+/-	++
Human IgG ₂	++	++	Goat IgG	+/-	++
Human IgG ₃	-	++	Pig IgG	++	++
Human IgG ₄	++	++	Chicken IgG	-	+/-
Human IgA	+	-			
Human IgD	+	-			
Human IgE	+	-			
Human IgM	+	-			
Mouse IgG ₁	+	++			
Mouse IgG _{2a}	++	++			
Mouse IgG _{2b}	++	++			
Mouse IgG ₃	+	++			
Mouse IgM	+/-	-			
Rat IgG	++	++			
Rat IgG ₁	+/-	+			
Rat IgG _{2a}	+/-	++			
Rat IgG _{2b}	+/-	+			
Rat IgG _{2c}	+/-	+			
Rat IgM	+/-	-			
Rabbit IgG	++	++			
Hamster IgG	+	++			
Guinea Pig IgG	++	+			
Bovine IgG	+	++			
Horse IgG	+	++			

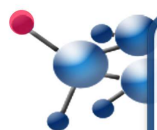
Antibody Fragments		
	Protein A	Protein G
Human Fab	+	+
Human F(ab') ₂	+	+
Human scFv	+	-
Human Fc	+	+
Human κ	-	-
Human λ	-	-

Key to affinities	
++	Strong affinity
+	Moderate/slight affinity
+/-	Requires evaluation
-	No affinity

References

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