

Relative Affinity of Immobilized [Protein A](#) and [Protein G](#) for Various Species and Subclasses of Polyclonal and Monoclonal IgGs

Protein A		Protein G	
Species/Subclasses		Species/Subclasses	
Monoclonal		Polyclonal	
Human		Rabbit	++++
IgG ₁	++++	Cow	++
IgG ₂	++++	Horse	++
IgG ₃	----	Goat	-
IgG ₄	++++	Guinea Pig	++++
		Sheep	+/-
Mouse		Pig	+++
IgG ₁	+	Rat	+/-
IgG _{2a}	++++	Mouse	++
IgG _{2b}	+++	Chicken	---
IgG ₃	++	Human IgG	++++
		Human IgM	---
Rat		Human IgD	----
IgG ₁	---	Human IgA	---
IgG _{2a}	---		
IgG _{2b}	---		
IgG _{2c}	+		

Protein A		Protein G	
Species/Subclasses		Species/Subclasses	
Monoclonal		Polyclonal	
Human		Rabbit	+++
IgG ₁	++++	Cow	++++
IgG ₂	++++	Horse	++++
IgG ₃	++++	Goat	++
IgG ₄	++++	Guinea Pig	++
		Sheep	++
Mouse		Pig	+++
IgG ₁	++++	Rat	++
IgG _{2a}	++++	Mouse	++
IgG _{2b}	+++	Chicken	+
IgG ₃	+++	Human IgG	++++
		Human IgM	+
Rat		Human IgD	+
IgG ₁	+	Human IgA	+
IgG _{2a}	++++		
IgG _{2b}	++		
IgG _{2c}	++		

References

Harlow, E. and Lane, D. eds. (1988). *Antibodies, A Laboratory Manual*. New York: Cold Springs Harbor Laboratory, p617-618