

# Informational



TD-P Revision 2.0

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

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



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TD-I Revision 2.0  
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## References

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