

Immunoglobulin:	IgM	IgG	IgA	IgD	IgE
Location:	Plasma	Plasma, interstitial fluids	Body secretions	Plasma	Plasma, interstitial fluids
Characteristics:	<p><b>Primary</b> immune response (noted in 4-8 days after initial exposure); can kill bacteria; antibodies to blood antigens</p>	<p>Only one to cross placenta (3 months immunity); <b>secondary</b> immune response-reoccurrence</p>	<p>Lines mucous membranes and protects body surfaces</p>	<p>On lymphocyte surface; assists in B cell differentiation</p>	<p>Causes sx of <b>allergic rxn</b>; fixes to mast cells and basophils;</p> <p><i>Allergic rxn: smooth muscle constriction, increased vascular permeability, vasodilation, hypotension, increased mucus and itching</i></p>