

**QUALITY CONTROL CERTIFICATE**

**Cat. No. MAB221P**  
**Monoclonal Antibody to Human IgG3**

<b>Clone Determination</b>	03A05
<b>Host</b>	Mouse
<b>Immunogen</b>	Human IgG-KLH
<b>Specificity</b>	Human IgG3; does not cross-react with other human isotypes, nor with mouse, rat, rabbit or goat IgG.
<b>Immunoglobulin Class</b>	IgG1 $\kappa$
<b>Purification</b>	Protein A chromatography from <i>in vitro</i> production
<b>Lot Number</b>	
<b>% Purity</b>	> % pure determined by size-exclusion chromatography
<b>pI</b>	6.0-7.0
<b>Concentration</b>	
<b>Buffer</b>	0.15M PBS
<b>Preservatives</b>	None
<b>Expiration date</b>	
<b>Quantity</b>	
<b>Volume</b>	
<b>Applications</b>	ELISA
<b>Working dilution</b>	Determined by user
<b>Storage</b>	Store at -20°C to -80°C; avoid repeat freeze-thaw cycles

**FOR RESEARCH AND *IN VITRO* USE ONLY**

**MAINE BIOTECHNOLOGY SERVICES, INC.**

1037R FOREST AVENUE, PORTLAND, ME 04103 USA ~ Tel.: 800-925-9476 / 207-797-5454 / Fax: 207- 797-5595  
Email: sales@mainebiotechnology.com ~ www.mainebiotechnology.com