

# Absea Product data sheet

<b>Product number</b>	011003G07H
<b>Antibody specificity</b>	Ig gamma-2A chain C region (rat IgG2a)
<b>Species reactivity</b>	Rat
<b>UniProt</b>	P20760
<b>Clone number</b>	KT97
<b>Immunogen</b>	Rat IgG2a
<b>Antibody isotype</b>	Mouse IgG1
<b>Antibody form</b>	Intact antibody labelled with horseradish peroxidase
<b>Concentration</b>	1 mg/ml in PBS containing 0.01% thimerosal as a preservative
<b>Cross-reactivity</b>	Not cross-react with rat IgG1, IgG2b, IgG2c and IgM
<b>Applications</b>	Detection antibody for ELISA, Western blotting and antibody isotyping

These are applications that have been tested. It does not mean that the antibody cannot be used for other applications

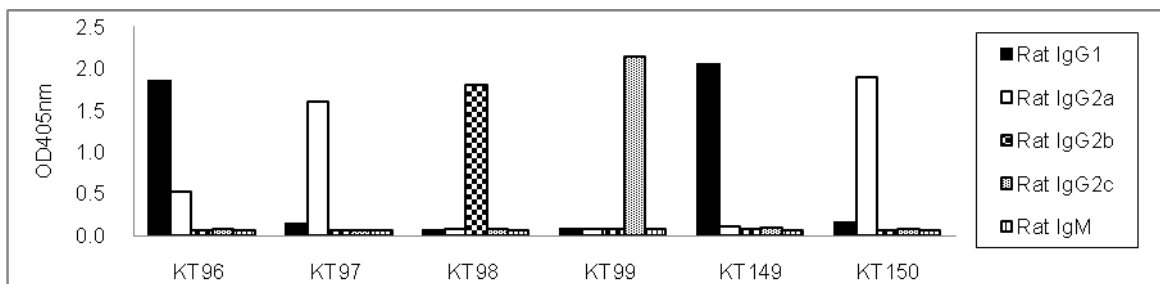


Figure 1. Rat immunoglobulin isotyping by ELISA using rat primary antibodies and HRP conjugated KT96, KT97, KT98, KT99, KT149 and KT150 as secondary antibodies

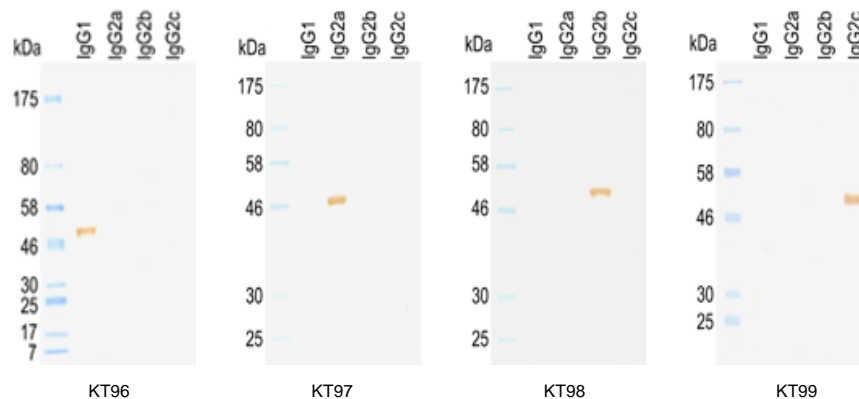


Figure 2. Western blotting to rat immunoglobulins under reducing condition detected by HRP conjugated KT96, KT97, KT98 and KT99

<b>Suggested working concentrations</b>	ELISA: 1/3000 – 1/5000 Western blotting: 1/500 – 1/5000  Optimal concentrations should be determined by the end user
<b>Preparation</b>	IgG is purified through a Protein A column and labelled with horseradish peroxidase
<b>Store</b>	4 °C for 1 month, -20 °C or -80°C in aliquots. Avoid repeated freeze/thaw cycles
<b>Safety information</b>	This product contains thimerosal which is hazardous