

# Absea Product data sheet

<b>Product number</b>	030604A06H
<b>Antibody specificity</b>	Ig gamma-1 chain C region secreted form (IgG1)
<b>Species reactivity</b>	Mouse
<b>UniProt</b>	P01868
<b>Clone number</b>	KT91
<b>Immunogen</b>	Mouse IgG1
<b>Antibody isotype</b>	Rat IgG2a
<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>	Please see Figure 1 below.
<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

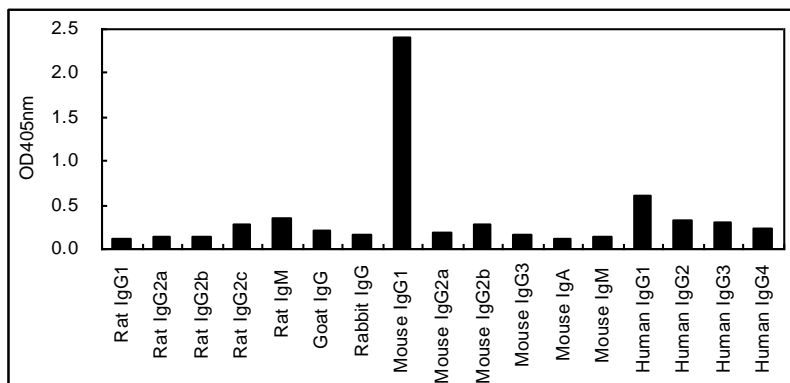


Figure 1. ELISA for cross-reactivity to various immunoglobulins

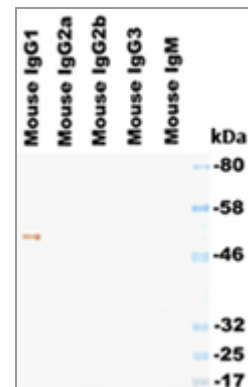


Figure 2. Western blotting under reducing condition

<b>Suggested working concentrations</b>	ELISA: 1/1000 Western blotting: 1/500 – 1/5000
	Optimal concentrations should be determined by the end user
<b>Preparation</b>	IgG is purified through a Protein G 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