

Product data sheet

Product number	030604A06H
Antibody specificity	Ig gamma-1 chain C region secreted form (IgG1)
Species reactivity	Mouse
UniProt	P01868
Clone number	KT91
Immunogen	Mouse IgG1
Antibody isotype	Rat IgG2a
Antibody form	Intact antibody labelled with horseradish peroxidase
Concentration	1 mg/ml in PBS containing 0.01% thimerosal as a preservative
Cross-reactivity	Please see Figure 1 below.
Applications	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

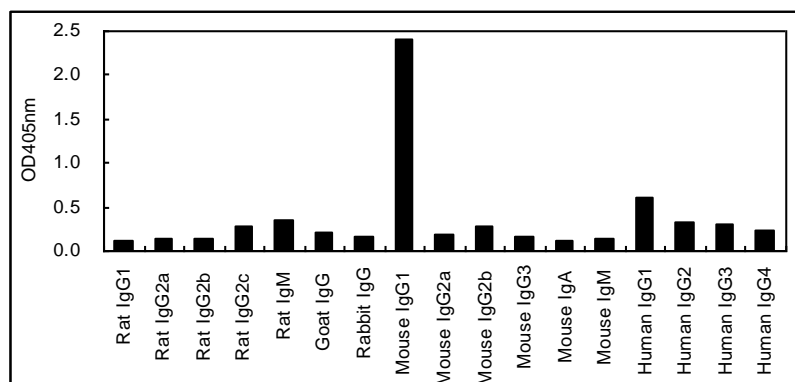


Figure 1. ELISA for cross-reactivity to various immunoglobulins

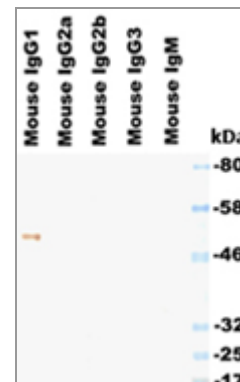


Figure 2. Western blotting under reducing condition

Suggested working concentrations	ELISA: 1/1000 Western blotting: 1/500 – 1/5000
	Optimal concentrations should be determined by the end user
Preparation	IgG is purified through a Protein G column and labelled with horseradish peroxidase
Store	4 °C for 1 month, -20 °C or -80°C in aliquots. Avoid repeated freeze/thaw cycles
Safety information	This product contains thimerosal which is hazardous