

Product data sheet

Product number	031601F11H
Antibody specificity	Ig gamma-2C chain C region (IgG2c)
Species reactivity	Rat
UniProt	P20762
Clone number	KT99
Immunogen	Rat IgG2c
Antibody isotype	Mouse IgG1
Antibody form	Intact antibody labelled with horseradish peroxidase
Concentration	1 mg/ml in PBS containing 0.01% thimerosal as a preservative
Cross-reactivity	Not cross-react with rat IgG1, IgG2a, IgG2b and IgM
Applications	Detection antibody for ELISA, Western blotting and rat IgG isotyping
These are applications that have been tested. It does not mean that the antibody cannot be used for other applications	

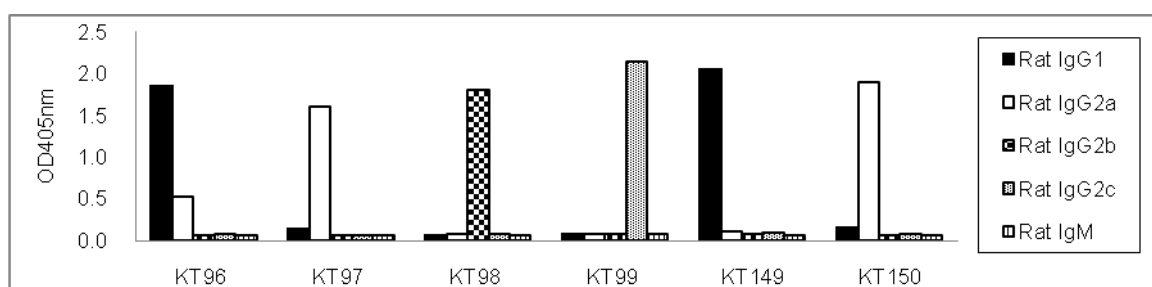


Figure 1. Rat immunoglobulin isotyping by ELISA using rat primary antibodies and HRP conjugated KT96, KT97, KT98, KT99, KT149 and KT150 as secondary antibodies

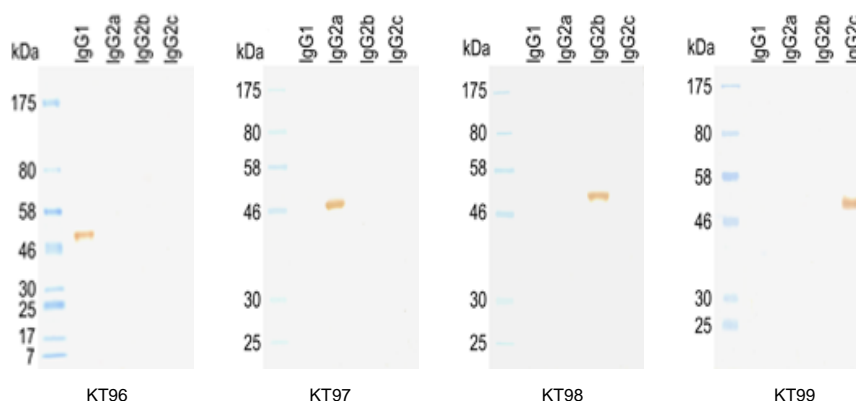


Figure 2. Western blotting to rat immunoglobulins under reducing condition detected by HRP conjugated KT96, KT97, KT98 and KT99

Suggested working ELISA: 1/3000

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concentrations	Western blotting: 1/500 – 1/10000 Optimal concentrations should be determined by the end user
Preparation	IgG is purified through a Protein A 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 0.01% thimerosal which is hazardous