

Product data sheet

Product number	011003G07H
Antibody specificity	Ig gamma-2A chain C region (rat IgG2a)
Species reactivity	Rat
UniProt	P20760
Clone number	KT97
Immunogen	Rat IgG2a
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, IgG2b, IgG2c and IgM
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

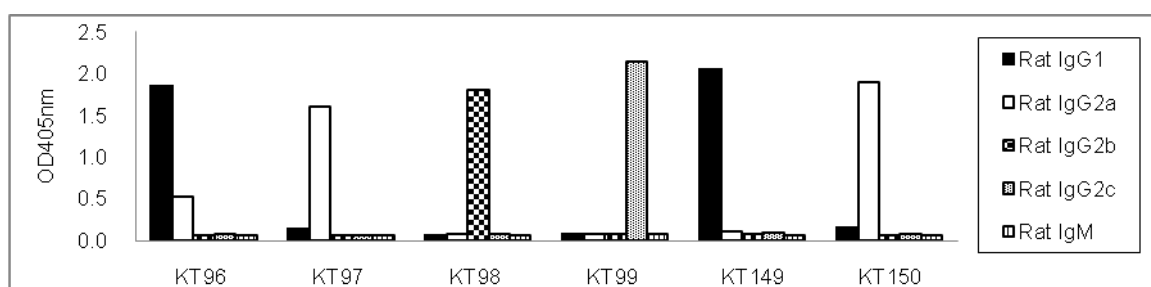


Figure 1. Rat immunoglobulin isotyping by ELISA using rat primary antibodies and HRP conjugated KT96, KT97, KT98, KT99, KT149 and KT150 as secondary antibodies

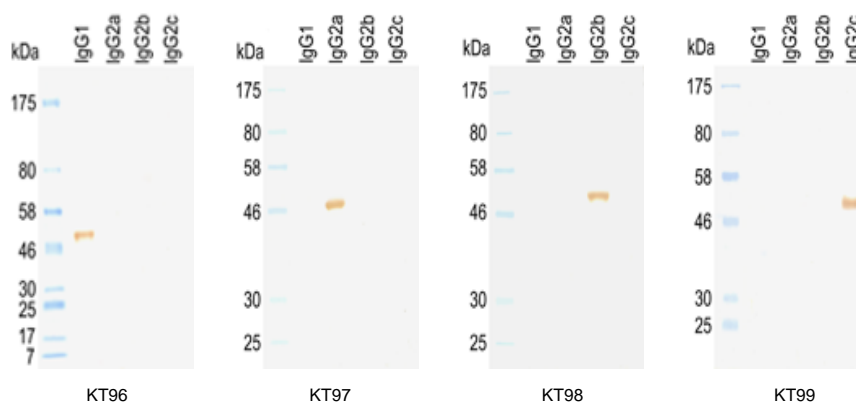


Figure 2. Western blotting to rat immunoglobulins under reducing condition detected by HRP conjugated KT96, KT97, KT98 and KT99



Suggested working concentrations

ELISA: 1/3000 – 1/5000
Western blotting: 1/500 – 1/5000

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 thimerosal which is hazardous

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