

Product data sheet

Product number	031402D02H
Antibody specificity	Ig gamma-1 chain C region (rat IgG1)
Species reactivity	Rat
UniProt	P20759
Clone number	KT96
Immunogen	Rat IgG1
Antibody isotype	Mouse IgG1, kappa light chain
Antibody form	Intact antibody labelled with horseradish peroxidase
Concentration	1 mg/ml in PBS containing 0.01% thimerosal as a preservative
Cross-reactivity	Slightly cross-react with rat IgG2a, not cross-react with rat IgG2b, IgG2c 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

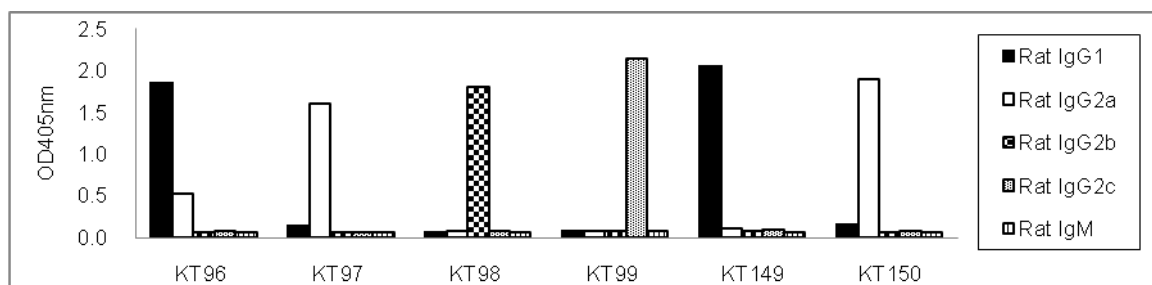


Figure 1. Rat immunoglobulin isotyping by ELISA using rat primary antibodies and HRP conjugated KT96, KT97, KT98, KT99, KT149 and KT150 as secondary antibodies

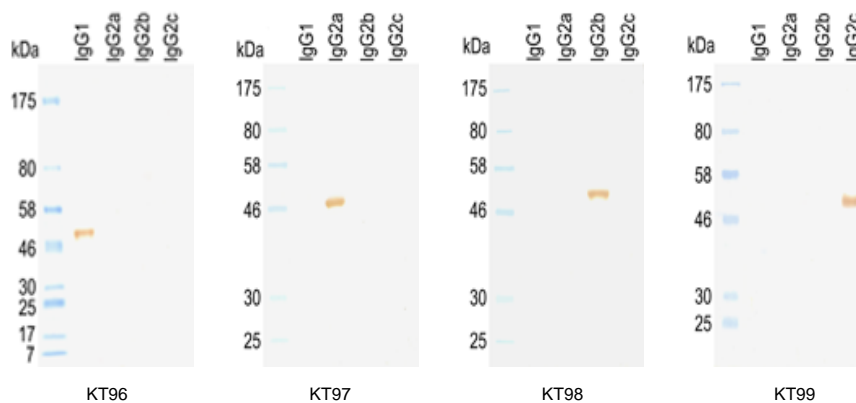


Figure 2. Western blotting to rat immunoglobulins under reducing condition detected by HRP conjugated KT96, KT97, KT98 and KT99



Suggested working 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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