



PRODUCT REPORT DATASHEET

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Rat Anti-mouse IgG/Gold

Product info:

Cat. Number	AP0296T
Host	Rabbit
Reaction with	Mouse
Clonality	Polyclonal
Application	IEM=1:20-200 IGS=1:20-200 GICA=1:20-200 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.

Detail info:

Form	Lyophilized or Liquid
Quantity size	1ml 10nm
Concentration	0.4mg/ml
Immunogen	Full length plasma protein
Isotope	IgG
Purification	Affinity purified by Protein A

Additional info:

Format	0.01M TBS (pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Store at –20 °C.for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20 °C. When reconstituted in sterile distilled water or diluent supplied, theantibody is stable for at least two weeks at 2-4 °C.
Background	Immunoglobulin G (IgG), is one of the most abundant proteins in serum with normal levels between 8-17 mg/mL in adult blood. IgG is important for our defence against microorganisms and the molecules are produced by B lymphocytes as a part of our adaptive immune response. The IgG molecule has two separate functions; to bind to the pathogen that elicited the response and to recruit other cells and molecules to destroy the antigen. The variability of the IgG pool is generated by somatic recombination and the number of specificities in an individual at a given time point is estimated to be 1011 variants.

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY



2600 Hilltop DR BLDG B SUITE C138

Richmond, CA 94806

USA

Tel: 661-524(LBI)-0262

Fax: 661-524(LBI)-0262

E-mail: info@leadingbiology.com

www.leadingbiology.com