



# Sheep Anti-Mouse Ig Antibody

## DESCRIPTION

Catalogue Number

MB6808

Brand Family

Chemicon®

Description

Sheep Anti-Mouse Ig Antibody, HRP conjugate

Overview

SpG purified Sheep Anti-Mouse Ig, Peroxidase conjugated

Background Information

Immunoglobulin G (IgG), is one of the most abundant proteins in human 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.

## PRODUCT INFORMATION

Format

HRP

## APPLICATIONS

Application

This Sheep anti-Mouse Ig Antibody, HRP conjugate is validated for use in ELISA, WB for the detection of Mouse Ig.

Key Applications

\* ELISA

Application Notes

ELISA: 1:1,000  
Western blots: 1:2,000-1:4,000.  
Optimal working dilutions must be determined by end user.

## PACKAGING INFORMATION

Material Size

0.1mL

# Sheep Anti-Mouse Ig Antibody

## BIOLOGICAL INFORMATION

Host

Sheep

Species Reactivity

\* Sheep, Goat

Antibody Type

Polyclonal Antibody

Purification

Protein G (SpG) Purified

## PRODUCT USAGE STATEMENTS

Usage Statement

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.

## STORAGE AND SHIPPING INFORMATION

Storage Conditions

**STORAGE:** The product is stable for several weeks at 2-8°C as an undiluted liquid. For extended storage at -20°C in undiluted aliquots for up to 12 months. Please note the concentration of protein (and buffer salts) will decrease to one-half of the original after the repetitional freeze/thaw cycles.

**WARNING:**

Use of sodium azide as a preservative will substantially inhibit the enzyme activity of HRP.

## REFERENCES

Wilson, M., and Nakane, P., In: Immunofluorescence and Related Staining Techniques, Elsevier/North Holland BioMedical Press, Amsterdam, p. 215 (1978).



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