



# *Sheep Anti-Mouse Ig Antibody HRP conjugate*

## 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
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## 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
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## 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.
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## STORAGE AND SHIPPING INFORMATION

Storage Conditions	<p>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.</p> <p>WARNING: Use of sodium azide as a preservative will substantially inhibit the enzyme activity of HRP.</p>
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## REFERENCES

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