

PRODUCT INSERT

**MONOCLONAL ANTIBODIES TO HUMAN IMMUNOGLOBULIN
SUBCLASSES AND LIGHT CHAINS
HORSERADISH PEROXIDASE CONJUGATES**

Code	Specificity	Clone	Isotype	Form	Volume	ELISA Working Dilution
MH1715	Human IgG1 Fc	HP6070	Mouse IgG1K	HRPO	0.5 ml	1:1000
MH1722	Human IgG2 Fd	HP6014	Mouse IgG1K	HRPO	0.5 ml	1:1000
MH1732	Human IgG3 Hinge	HP6047	Mouse IgG3K	HRPO	0.5 ml	1:1000
MH1742	Human IgG4 Fc	HP6023	Mouse IgG3K	HRPO	0.5 ml	1:1000

Lot No.: See Label **Expiration:** See Label

Preparation: Each monoclonal antibody was purified by column chromatography and the purified antibody conjugated to horseradish peroxidase (HRPO) according to the method of Wilson and Nakane¹.

Buffer: Phosphate buffered saline (PBS) containing 40% glycerol, v/v

Stabilizer: A highly purified BSA has been added as a stabilizing agent.

STORAGE & HANDLING

Store reagents at 2-8°C. It is recommended that only the quantity to be used within one week be diluted.

PRODUCT CHARACTERIZATION

Antigen Specificity: The monoclonal antibodies to the subclasses of human IgG have been selected from the group of antibodies included in the WHO/IUIS study². Specificity for these antibodies has been determined by a number of immunoassay conducted in laboratories around the world.

PRODUCT QUALITY CONTROL

Specificity and cross reactivities are tested in Caltag's in-house ELISA assay. Lot specific ELISA graphs are available upon request.

REFERENCES

1. Wilson, M. B., and P. K. Nakane. 1978. *In Immunofluorescence and Related Staining Techniques*, W. Knapp, K. Holbar, and G. Wick, eds. Elsevier, Amsterdam, p. 215.
2. Jeffries, *et al.* 1985. *Immunol. Lett.* 10: 223.

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