

**PRODUCT INSERT**

**MONOCLONAL ANTIBODIES TO HUMAN IMMUNOGLOBULIN SUBCLASSES**

**BIOTIN**

CODE	SPECIFICITY	CLONE	ISOTYPE	VOLUME	ELISA DILUTION
MH1515	Human IgG-1 Fc	HP6070	Mouse IgG1K	0.5 ml	1:2000
MH1522	Human IgG-2 Fd	HP6014	Mouse IgG1K	0.5 ml	1:2000
MH1532	Human IgG-3 Hinge	HP6047	Mouse IgG3K	0.5 ml	1:2000
MH1542	Human IgG-4 Fc	HP6023	Mouse IgG3K	0.5 ml	1:2000

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

**Antigen Specificity:**

The monoclonal antibodies to the subclasses of human IgG have been selected from the group of antibodies included in the WHO/IUIS study, Jeffries et al *Immunology Letters*, 10 (1985) 223-252.

**Preparation:**

Each monoclonal antibody was purified by column chromatography and the purified antibody conjugated to Biotin with a spacer arm.

**Preservatives:**

The final product contains phosphate-buffered saline, pH 7.5, 0.1% NaN<sub>3</sub> as preservative. EIA grade BSA has been added as a stabilizing protein.

**Storage & Handling:**

**Biotin:** Store +2° to +8°C for short term (to 3 month) and -10°C or colder for long term. Aliquot and avoid repeated freezing and thawing. Mix thoroughly after thawing before use.

It is recommended that cells be analyzed within 18 hours of staining. If the reagent is being diluted, it is recommended that only the quantity to be used within one week be diluted.

**FOR RESEARCH USE ONLY....NOT FOR THERAPEUTIC OR IN VITRO DIAGNOSTIC USE**