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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Human IgG Fd Monoclonal Antibody

Catalogue#	Format	Size	Concentration	Isotype Control
CL6045AP	Purified	200 µg	1.0 mg/ml	CLCMG100
CL6045B	Biotin	100 µg	0.1 mg/ml	CLCMG115
CL6045F	FITC	100 µg	0.1 mg/ml	CLCMG101
CL6045PE	PE	50 µg	0.1 mg/ml	CLCMG104
CL6045HP	HRPO	100 µg	1.0 mg/ml	CLCMG107

Isotype**:** Mouse IgG_1

DESCRIPTION:

The Fd region of human Immunoglobulins is located at the N-terminal part of the heavy chain and is an essential component of the antigen-binding fragment Fab. Fd, like the light chain, contains a C-terminal constant (C_H1) and N-terminal variable (V_H) domain. The hypervariable regions in both the light chain and Fd determine the specificity of the Fab.

PRESENTATION:

Purified: Purified IgG buffered in PBS and 0.02% NaN_3. (Purified from ascitic fluid via Protein G Chromatography). For maximum recovery of contents, spin down tube before use.
Biotin, FITC, and PE: Biotin/FITC/PE conjugated IgG buffered in PBS, 0.02% NaN_3 and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml.
HRPO: HRPO conjugated IgG buffered in PBS with 40 % glycerol (v/v) and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml. No NaN_3 with other preservatives.

STORAGE/STABILITY:

For all formats, store at + 4°C. DO NOT FREEZE **PE** conjugates. For long term storage (**Purified**/**Biotin**/**FITC**/ **HRPO**), aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles. For Maximal recovery of contents, please quick-spin vial before opening.

APPLICATION:

This antibody is suitable for use in ELISA (both capture and detection antibody), Radioimmunoassay and WB.

*** For optimal results in various applications, it is recommended that each investigator determine dilutions appropriate for individual use.**

Continued Overleaf.....

In CANADA: Toll Free: 1-800-268-5058
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SPECIFICATIONS:

Clone: HP6045

Immunogen: Human IgG Fd

Specificity: Human IgG Fd

ELISA Specificity: human IgG subclass 1 100%
human IgG subclass 2 100%
human IgG subclass 3 100%
human IgG subclass 4 99%
human IgG Pan (pooled IgG1-4) 100%
human IgG Fc 0.04%
human IgG Fab 100%

REFERENCES:

1. Hamilton, R.G. et al; Isoelectric focusing-affinity immunoblot analysis of mouse monoclonal antibodies to the four human IgG subclasses. Electrophoresis, 8:127-34, 1987.
2. Papadea, C. et al; Monoclonal antibody-based solid-phase immunoenzymometric assays for quantifying human immunoglobulin G and its subclasses in serum. Clin. Chem., 31: 1940-5, 1985.
3. Jeffries, R. et al; Evaluation of monoclonal antibodies having specificity for human IgG sub-classes: results of an IUIS/WHO collaborative study; Immunol Lett. 10(3-4):223-52, 1985.
4. Reimer, C.B. et al; Evaluation of thirty-one mouse monoclonal antibodies to human IgG epitopes. Hybridoma, 3: 263-75, 1984.