



# SZABO SCANDIC

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## Produktinformation



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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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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<sub>1</sub>

#### **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<sub>H</sub>1) and N-terminal variable (V<sub>H</sub>) 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<sub>3</sub>. (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<sub>3</sub> 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<sub>3</sub> 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.....*

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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:**

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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.