**Oy Medix Biochemica Ab**
Headquarters
Klovinpellontie 3
FI-02180 Espoo
Finland
Email: sales@medixbiochemica.com

**Medix Biochemica USA Inc.**
10850 Metro Court
Maryland Heights, MO 63043
United States of America
Email: sales@medixbiochemica.com

# Product Datasheet

## Anti-h PG I 8003 SPRN-5 100120

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|---|---|
| **Product Name** | Anti-h PG I 8003 SPRN-5 |
| **Catalog Number** | 100120 |
| **Description** | Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components. |
| **Species/Host** | Mouse |
| **Tested Applications** | FIA, IT, LF |
| **Alternative Names** | Pepsinogen I, PG 1 |
| **Brand** | Medix Biochemica |
| **Form/Appear** | Liquid, may turn slightly opaque during storage |
| **Concentration** | 5.0 mg/ml (+/- 10 %) |
| **Storage** | +2–8 °C |
| **Isotype** | IgG1 |
| **Clonality** | Monoclonal |
| **Epitope** | Not determined |
| **Purity** | ≥ 95 % |
| **Affinity constant** | KA= 4 x $10^{10}$ 1/M |
| **Buffer** | 37 mM citrate, 125 mM phosphate, pH 6.0, 0.9 % NaCl, 0.095 % NaN3 as a preservative |
| **IEF Profile** | 6.5–7.3 |
| **Cross Reactivity** | Human Pepsinogen II 0.03 %, Porcine Pepsinogen 0.92 %, Gastrin I < 0.01 %, Somatostatin < 0.01 %, Peptide YY < 0.01 %, Bombesin < 0.01 %, Cathepsin D < 0.06 % |
| **Specificity** | Antibody recognizes human pepsinogen I |
| **Shelf Life** | 36 months |