

## Product Datasheet

### Anti-h PG I 8016 SPRN-5 100868

<b>Product Name</b>	Anti-h PG I 8016 SPRN-5
<b>Catalog Number</b>	100868
<b>Description</b>	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
<b>Tested Applications</b>	LF, IT, FIA
<b>Brand</b>	Medix Biochemica
<b>Form/Appearance</b>	Liquid, may turn slightly opaque during storage
<b>Concentration</b>	5.0 mg/ml (+/- 10 %)
<b>Storage</b>	+2-8°C
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Epitope</b>	N/D
<b>Purity</b>	≥ 95 %
<b>Affinity constant</b>	$KA = 3 \times 10^{10}$ 1/M
<b>Associated Products</b>	Recombinant Pepsinogen I antigen, Medix Biochemica 610000 and native Pepsinogen I antigen Lee Biosolutions 440-50
<b>Buffer</b>	37 mM citrate, 125 mM phosphate, pH 6.0, 0.9 % NaCl, 0.095 % NaN3 as a preservative
<b>IEF Profile</b>	5.2-8.2
<b>Cross Reactivity</b>	Human Pepsinogen II 0.54 %, Porcine Pepsinogen 65.2 %, Gastrin I < 0.01 %, Somatostatin < 0.01 %, Peptide YY < 0.01 %, Bombesin < 0.01 %, Cathepsin D < 0.06 %
<b>Specificity</b>	Antibody recognizes human pepsinogen I
<b>Shelf Life</b>	36 months