

## Product Datasheet

### Anti-h PSA 8313 SPTN-5 100488

<b>Product Name</b>	Anti-h PSA 8313 SPTN-5
<b>Catalog Number</b>	100488
<b>Description</b>	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
<b>Tested Applications</b>	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>	Amino acids 82-89 (LKNRFLRP)
<b>Purity</b>	≥ 95 %
<b>Affinity constant</b>	KA= $1.3 \times 10^{11}$ 1/M; KD= $7.5 \times 10^{-12}$ M (=0.0075 nM)
<b>Associated Products</b>	Native PSA antigen, Medix Biochemica 497-11 and 497-17.
<b>Buffer</b>	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN <sub>3</sub> as a preservative
<b>IEF Profile</b>	5.7-6.9
<b>Cross Reactivity</b>	Does not recognize PSA-ACT complex or human-kallikrein-2. Others not tested.
<b>Specificity</b>	Antibody recognizes human prostate-specific antigen
<b>Shelf Life</b>	36 months