

## Product Datasheet

### Anti-h Alpha Subunit 5501 SP-1 100035

<b>Product Name</b>	Anti-h Alpha Subunit 5501 SP-1
<b>Catalog Number</b>	100035
<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>	1.0 mg/ml (+/- 10 %)
<b>Storage</b>	+2-8°C
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Epitope</b>	Alpha 2 epitope as described in Nilsson et al. (2001)
<b>Purity</b>	≥ 95 %
<b>Affinity constant</b>	KA= 1.7 x 10 <sup>9</sup> 1/M; KD= 5.7 x 10 <sup>-10</sup> M (= 0.57 nM)
<b>Buffer</b>	0.9 % NaCl, 0.095 % NaN <sub>3</sub> as a preservative
<b>IEF Profile</b>	6.5-7.2
<b>Cross Reactivity</b>	Does not recognize hCG, LH, FSH, or TSH β subunits
<b>Specificity</b>	Antibody recognizes the alpha subunit of human chorionic gonadotropin (hCG), luteinizing hormone (LH), follicle-stimulating hormone (FSH), and thyroid-stimulating hormone (TSH)
<b>Matched Pairs</b>	hCG, LH, FSH, or TSH β subunit specific antibody
<b>Shelf Life</b>	36 months
<b>References</b>	Nilsson, C., Seppälä, M. and Pettersson, K. (2001) Immunological characterization of human luteinizing hormone with special regard to a common genetic variant. J.Endocrinol. 168:10- 116