

## Product Datasheet

### Anti-h IL-6 2704 SPTN-5 100329

<b>Product Name</b>	Anti-h IL-6 2704 SPTN-5
<b>Catalog Number</b>	100329
<b>Description</b>	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
<b>Tested Applications</b>	LF, 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>	IgG2b
<b>Clonality</b>	Monoclonal
<b>Epitope</b>	N/D
<b>Purity</b>	≥ 95 %
<b>Affinity constant</b>	KA= 1.1 x 10 <sup>9</sup> 1/M; KD= 9.2 x 10 <sup>-10</sup> M (=0.92 nM), SPR analysis (ProteOn XPR36)
<b>Associated Products</b>	Recombinant IL-6 antigens 341-36 and 715.H01
<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>	6.4-7.5
<b>Cross Reactivity</b>	N/D
<b>Specificity</b>	Antibody recognizes human interleukin-6 (IL-6)
<b>Matched Pairs</b>	Following pairs are especially recommended for the below mentioned assays: FIA: 2704 (capture) - 2709 (detection), 2704 - 2708, 2707 - 2709 and 2707 - 2708 LF: 2704 (membrane) - 2707 (particles), 2707 - 2704, 2708 - 2704, 2708 - 2707, 2709 - 2704, and 2709 - 2707
<b>Shelf Life</b>	18 months