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Product Datasheet

Anti-h IL-6 2704 SPTN-5 100329

Product Name	Anti-h IL-6 2704 SPTN-5
Catalog Number	100329
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Species/Host	Mouse
Tested Applications	CLIA, FIA, LF
Alternative Names	IL6
Brand	Medix Biochemica
Form/Appear	Liquid, may turn slightly opaque during storage
Concentration	5.0 mg/ml (+/- 10 %)
Storage	+2–8 °C
Isotype	Mouse IgG2b
Clonality	Monoclonal
Epitope	Not determined
Purity	≥ 95 %
Affinity constant	KA= 1.1 x 10^{9} 1/M; KD= 9.2 x 10^{-10} M (=0.92 nM), SPR analysis (ProteOn XPR36)
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN_3 as a preservative
IEF Profile	6.4–7.5
Cross Reactivity	Not determined
Specificity	Antibody recognizes human interleukin 6 (IL-6)
Matched Pairs	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 CLIA: 2707 (magnetic particles) – 2709 (detection), 2707 – 2708, 2708 – 2706, and 2708 – 2707
Shelf Life	36 months