

## Product Datasheet

### Anti-h CA19-9 4701 SPTN-5 100609

<b>Product Name</b>	Anti-h CA19-9 4701 SPTN-5
<b>Catalog Number</b>	100609
<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>	IgG3
<b>Clonality</b>	Monoclonal
<b>Epitope</b>	Antibody binds to sialylated Lewis a (sLea) pentasaccharide.
<b>Purity</b>	≥ 95 %
<b>Affinity constant</b>	N/D
<b>Associated Products</b>	Native CA19-9 antigen 151-99
<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>	7.5-8.8
<b>Cross Reactivity</b>	Does not recognize cancer antigens CA125 or CA15-3. Does not recognize sialylated Lewis x (sLex) or Lewis y carbohydrate structures. Minor cross-reactivity against sialylated Lewis c (sLec) carbohydrate structure, which is a sLea structure without fucose.
<b>Specificity</b>	Antibody recognizes carbohydrate antigen 19-9 (CA19-9)
<b>Matched Pairs</b>	Forms pair with itself
<b>Shelf Life</b>	18 months