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Product Datasheet

Anti-h CA19-9 4701 SPTN-5 100609

Product Name	Anti-h CA19-9 4701 SPTN-5
Catalog Number	100609
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Species/Host	Mouse
Tested Applications	FIA
Immunogen	Native CA19-9 antigen
Alternative Names	Cancer Antigen 19-9
Brand	Medix Biochemica
Form/Appeara	Liquid, may turn slightly opaque during storage
Concentratior	5.0 mg/ml (+/- 10 %)
Storage	+2–8 °C
Isotype	IgG3
Clonality	Monoclonal
Epitope	Antibody binds to sialylated Lewis a (sLea) pentasaccharide.
Purity	≥ 95 %
Affinity constant	N/D
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN_3 as a preservative
Cross Reactivity	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.
Specificity	Antibody recognizes carbohydrate antigen 19-9 (CA19-9)
Matched Pairs	Following pair is especially recommended for FIA: 4701 (capture) – 4701 (detection).
Shelf Life	18 months