

Product Datasheet

Anti-h CA19-9 4701 SPTN-5 100609

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| 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/Appearance | Liquid, may turn slightly opaque during storage |
| Concentration | 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 % NaN3 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 |