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Product Datasheet

Anti-SARS-CoV-2 N 3507 SPTN-5
100948

Product Name	Anti-SARS-CoV-2 N 3507 SPTN-5
Catalog Number	100948
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Species/Host	Mouse
Tested Applications	FIA
Brand	Medix Biochemica
Form/Appear	Liquid, may turn slightly opaque during storage
Concentration	5.0 mg/ml (+/- 10 %)
Storage	+2–8 °C
Isotype	Mouse IgG1
Clonality	Monoclonal
Epitope	Not determined
Purity	≥ 95 %
Affinity constant	KA = 5.7 x 10^{9} 1/M; KD = 2.2 x 10^{-10} M (= 0.22 nM)
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN3 as a preservative
IEF Profile	5.3–5.9
Cross Reactivity	Recognizes SARS-CoV-2 B.1.1.7 and B.1.617.2 variants and B.1.1.529 sublineages BA.2, BA.4 and BA.5. Does not recognize SARS-CoV N, MERS-CoV N, HCoV OC43 N, HCoV 229E N, HCoV HKU1 N or HCoV NL63 N.
Specificity	Antibody recognizes SARS-CoV-2 nucleocapsid protein
Shelf Life	Unspecified