

Monoclonal Antibody to Human single stranded DNA (ssDNA)

Catalog No.:	SM1477
Quantity:	2 ml
Concentration:	5 µg/ml
Host / Isotype:	Human / IgM
Clone:	MER-1
Immunogen:	Peripheral blood lymphocytes from a patient with SLE were fused with cells of the human GN4672 lymphoblastoid cell line.

Format: This antibody is supplied as liquid tissue culture supernatant containing 0.09% sodium azide as preservative.

Applications: ELISA. Other application not tested. Optimal dilutions of this antibody are dependent on application and should be determined by the user.
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Specificity: MER-1 recognises human ssDNA. Some cross reactivity is seen with Cardiolipin, but no reactivity is found with dsDNA, Histones, Sm/RNP, Ro/La, poly (ADP) Ribose, Klebsiella or with IgGfC.

Storage: Store the antibody at 4-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings: 1. Ehrenstein M, Longhurst C, Isenberg DA. Production and analysis of IgG monoclonal anti-DNA antibodies from systemic lupus erythematosus (SLE) patients. Clin Exp Immunol. 1993 Apr;92(1):39-45. PubMed PMID: 8385586.