



NeoClone Biotechnology
International
1202 Ann St.
Madison, WI 53713-2410
USA

Tel 608 . 260 . 8190
Fax 608 . 260 . 8192

Technical data

MAb to σ^S (sigma S) subunit of *E.coli* RNA polymerase

σ^S (sigma S) is a 38kDa subunit of the *E.coli* RNA polymerase.

Technical Data

Catalog Number	W0009
Host	Mouse
Isotype	IgG ₁
Epitope	33-256
Polyol-responsive	No
Clone	1RS1
Cross reactivity*	<i>E. coli</i> , Klebsiella, Salmonella, Serratia, Bordetella and an unidentified protein at 60 kDA
Available size	100 μ l dried ascites, 1mL aliquots ascites fluid

Handling requirements

Reconstitution	Add 100 μ l of ddH ₂ O to the tube containing antibody and mix to dissolve
Storage	-20°C

Applications*

Gel Supershift	Not tested
Immunoaffinity chromatography	No
Immunoprecipitates	No
Transcription Inhibition – Initiation	Yes
Transcription Inhibition – Elongation	Not tested
Western Blot	Yes – dilute at 1:1000

Related products

Catalog reference	Antibody name
W0001	mAb to <i>E.coli</i> RNA polymerase subunit β'
W0002	mAb to <i>E.coli</i> RNA polymerase subunit β
W0003	mAb to <i>E.coli</i> RNA polymerase subunit α
W0004	mAb to <i>E.coli</i> RNA polymerase sigma factor σ^{70}
W0005	mAb to <i>E.coli</i> RNA polymerase sigma factor σ^{54}
W0006	mAb to <i>E.coli</i> RNA polymerase sigma factor σ^{32}
W0007	mAb to <i>E.coli</i> RNA polymerase sigma factor σ^E
W0008	mAb to <i>E.coli</i> RNA polymerase sigma factor σ^F

Notes

Does not react with Shigella, Vibrio, Pseudomonas, Rhodobacter, Agrobacterium, Streptococcus, Arthrobacter, or Borrelia *Cross reactivity and Applications data is per published literature and/or unpublished data.