



NeoClone Biotechnology
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Technical data

MAb to α (alpha) subunit of *E.coli* RNA polymerase

α (alpha) is a 36kDA subunit of the *E.coli* RNA polymerase.

Technical Data

Catalog Number	W0003
Host	Mouse
Isotype	IgG ₁
Epitope	209-329
Polyol-responsive	Yes
Clone	4RA2
Cross reactivity*	Widely among Gram-negative bacteria, some Gram-positive bacteria
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	Yes – AS and 2,3-butandiol
Immunoprecipitates	Yes
Transcription Inhibition - Initiation	Not tested
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
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
W0009	mAb to <i>E.coli</i> RNA polymerase sigma factor σ^S

Notes

Has been reported to purify RNAP from *Pseudomonas aeruginosa*

*Cross reactivity and Applications data is per published literature and/or unpublished data.