

Product datasheet for **AP54898SU-N**

Duramycin Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA: 1/500-1/5000.
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	19 amino acid tetracyclic lantibiotic
Specificity:	Reacts with Duramycin.
Formulation:	State: Serum State: Lyophilized serum Preservative: None
Reconstitution Method:	Restore in 0.2 ml distilled water.
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	Duramycin is a 19-amino-acid (molecular weight 2012 Da) tetracyclic lantibiotic closely related to cinnamycin (Ro09-0198), which is known to bind phosphatidylethanolamine (PE). It is obtained from culture filtrates of <i>Streptomyces cinnamomeus</i> forma <i>azacoluta</i> . Duramycin recognizes and binds to a particular membrane conformation determined by the presence of PE or monogalactosyl diglyceride.



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