

## Monoclonal Antibody to Heparin - Purified

<b>Catalog No.:</b>	AM32754PU-N
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Host / Isotype:</b>	Mouse / IgG2b
<b>Recommended Isotype Controls:</b>	SM12P, AM03110PU-N
<b>Clone:</b>	A7.10
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction <b>Buffer System:</b> 0.02M Phosphate buffer with 0.25M NaCl <b>Preservatives:</b> 0.09% Sodium Azide
<b>Applications:</b>	<b>EIA/RIA:</b> $k_d$ by liquid phase RIA for Heparin is approximately $1.0 \times 10^{-11}$ M. <i>Recommended Dilution:</i> 1-10 $\mu$ g/ml. Inhibits the formation of Heparin accelerated Thrombin-Antithrombin complex formation <i>in vitro</i> . Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	Reacts with Mouse Heparin. Cross reacts with Dextran Sulfate by EIA. Also shows some cross reactivity to DNA and Heparan Sulfate. Does <b>not</b> react with Pig. Other species not tested.
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Fillit H, Edstrom W, Yang CP, Moran T, Dimitriu-Bona A. Autoimmune MRL mice express high-affinity IgG2b monoclonal autoantibodies to heparin. Clin Immunol Immunopathol. 1996 Oct;81(1):62-7. PubMed PMID: 8808643.