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## Monoclonal Antibody to Lead - Ascites

<b>Catalog No.:</b>	BM2654
<b>Quantity:</b>	0.5 ml
<b>Host / Isotype:</b>	Mouse / IgM
<b>Clone:</b>	Pb1
<b>Immunogen:</b>	Lead conjugated to keyhole limpet hemocyanin (KLH).
<b>Format:</b>	<b>State:</b> Liquid ascites without preservatives.
<b>Applications:</b>	Indirect ELISA: optimized for lead-RSA (Rabbit Serum Albumin) on solid phase at 200 ng/well. Ascites diluted 1:100,000 produces an O.D. signal of 0.5. Competition ELISA: with lead-RSA on the solid phase at 200 ng/well, 50% inhibition of antibody binding is achieved with Pb <sup>2+</sup> at 800 ng/well. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	Recognizes lead in the ppb range.
<b>Storage:</b>	Store the antibody 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.