

## Rat IgE Kappa

<b>Alternate names:</b>	Ig epsilon chain C region, Rat IgE Kappa Myeloma
<b>Catalog No.:</b>	SA022
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Species:</b>	Rat
<b>Source:</b>	Myeloma
<b>Format:</b>	<b>State:</b> Liquid purified IgE (myeloma IR162) <b>Purity:</b> >95% pure. Single band by Agarose Electrophoresis (Ref. 5) and Immunoelectrophoresis (Ref. 6) <b>Preparation:</b> Affinity Chromatography (Ref. 4) <b>Buffer System:</b> PBS, pH 7.2 containing 0.09% Sodium Azide as preservative
<b>Applications:</b>	ELISA: 0.1-1.25 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<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>	<ol style="list-style-type: none"><li>1. Rat Hybridomas and Rat Monoclonal Antibodies (1990) Edited by Bazin, H. CRC Press, Boca Raton, Florida, USA.</li><li>2. Bazin H, Beckers A, Deckers C, Moriamé M. Brief communication: Transplantable immunoglobulin-secreting tumors in rats. V. Monoclonal immunoglobulins secreted by 250 ileocecal immunocytomas in LOU-Wsl rats. J Natl Cancer Inst. 1973 Oct;51(4):1359-61. PubMed PMID: 4745867.</li><li>3. Bazin H, Querinjean P, Beckers A, Heremans JF, Dessy F. Transplantable immunoglobulin-secreting tumours in rats. IV. Sixty-three IgE-secreting immunocytoma tumours. Immunology. 1974 Apr;26(4):713-23. PubMed PMID: 4212482.</li><li>4. Bazin H, Cormont F, De Clercq L. Rat monoclonal antibodies. II. A rapid and efficient method of purification from ascitic fluid or serum. J Immunol Methods. 1984 Jun 8;71(1):9-16. PubMed PMID: 6427352.</li><li>5. Bazin H, Xhurdebise LM, Burtonboy G, Lebacq AM, De Clercq L, Cormont F. Rat monoclonal antibodies. I. Rapid purification from in vitro culture supernatants. J Immunol Methods. 1984 Feb 10;66(2):261-9. PubMed PMID: 6418823.</li><li>6. Querinjean P, Bazin H, Beckers A, Deckers C, Heremans JF, Milstein C. Transplantable immunoglobulin-secreting tumours in rats. Purification and chemical characterization of four kappa chains from LOU-Wsl rats. Eur J Biochem. 1972 Dec 4;31(2):354-9. PubMed PMID: 4630505.</li></ol>