



ANOGEN - A Division of YES Biotech Laboratories Ltd.

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Mouse Anti-Human SAA Monoclonal Antibody Datasheet

Product Name: mAb anti-Human SAA	Clone No.: S3
Catalogue No.: MO-C40028N	Quantity: 0.5 mg/vial
Description: Mouse monoclonal antibody to human serum amyloid A (SAA)	Research Area: Acute phase protein, Inflammatory reaction
Purification: Protein G affinity purified	Background: SAA is an acute phase protein and a sensitive inflammatory marker. Cytokines such as IL-1, IL-6 and TNF-alpha stimulates hepatocytes to produce and release SAA. In acute phase, SAA in blood can increase to more than 1,000 folds of normal level. Prolonged and repeated elevation of SAA results in abnormal deposition of amyloid proteins in organ or tissue in insoluble beta pleated form. Determination of SAA levels is important for assessment of renal allograft rejection, estimation of tissue damage caused by myocardial infarction and severe angina, and diagnosis of inflammation in cystic fibrosis patients and in patients infected with virus.
Product type: Primary antibody	Applications: ELISA: React with human SAA.
Target Protein: Human SAA	References: If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.
Immunogen: Highly purified recombinant human SAA (MW: 12 kDa)	
Fusion Myeloma: Sp2/0-Ag14	
Specificity: This monoclonal antibody reacts with natural and recombinant human SAA.	
Species Reactivity: Human, others not tested	
Cross-Reactivity: Does not show any cross-reaction with other human cytokines or growth factors tested such as IL-1 β , IL-8, MCAF, TGF- β and EGF.	
Host / Isotype: Mouse, IgM Kappa	
Formulation: Lyophilized from a solution in 0.01M PBS, pH 7.2	
Reconstitution: Double distilled water is recommended to reconstitute the antibody.	
Storage: Store at -20°C	

This product is for **LABORATORY RESEARCH USE** and further manufacture **ONLY**, and cannot be administrated to human and animals for use in diagnostic and therapeutic procedures.

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