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Mouse anti-Human SAA Monoclonal Antibody [115] Datasheet

Catalogue No	MO-C40028A
Product name	Mouse anti-Human SAA Monoclonal Antibody [115]
Clone No	115
Product type	Primary antibodies, Matched Antibody Pair Capture Antibody
Description	Mouse monoclonal antibody to Human Serum Amyloid A (SAA), Protein G affinity purified
Target protein	Human SAA
Immunogen	Highly purified recombinant human SAA (MW: 12 kDa)
Specificity	This monoclonal antibody reacts with natural and recombinant human SAA
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
Clonality	Monoclonal
Source	Mouse
Myeloma	Sp2/0-Ag14
Subclass	IgG1
Light Chain	Kappa
Formulation	Lyophilized from a solution in 0.01M PBS, pH 7.2
Reconstitution	Double distilled water is recommended and to adjust the final concentration to 1.00 mg/mL
Applications	<p>ELISA: This antibody can be used as a capture antibody in sandwich ELISA applications for human SAA detection in combination with a monoclonal tracer/detection antibody (HRP-conjugated, Cat. No.: MO-C40028T; or Biotin-conjugated, Cat. No.: MO-40028TB). Suggested Capture Coating Dose: 0.3μg/well; Substrate: TMB.</p> <p>If the above suggested conditions are followed, approximately 1.1 ng/mL of SAA in serum/plasma or 0.6 ng/mL of SAA in medium can be detected with an assay range of 0 to 80 ng/mL.</p> <p>Western Blot: An antibody concentration of 0.1-0.5 μg will allow visualization of 100 ng/lane of recombinant human SAA</p>
Research	Biochemistry
Storage	Store at -20 $^{\circ}$ C
References	If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide any product of choice as gratitude.

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