CATALOGUE #: **4SA11**

PRODUCT NAME: **Monoclonal anti-serum amyloid A (SAA)**

MAbs *in vitro*:

A491, A496
Rat monoclonal antibody produced in bioreactor. Heterohybdridoma clone cell line derived from hybridization of Sp2/0 myeloma cells and spleen cells of rat.

SAA1cc, SAA15cc
Mouse monoclonal antibody produced in bioreactor. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

MAbs *in vivo*:

SAA6, VSA6, VSA25
Mouse monoclonal antibody produced in ascites. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

Immunogen:

Human SAA for A491, A496, SAA1cc, SAA15cc, SAA6

Synthetic peptide corresponding to the region 23-29 a.a.r. of human SAA for VSA25

Synthetic peptide corresponding to the region 72-86 a.a.r. of human SAA for VSA6

Specificity:

Human SAA.

MAb isotypes:

IgG1 for A496, SAA1cc, SAA15cc, SAA6, VSA6, VSA25

IgG2b for A491

Applications:

Recommended pairs for human SAA sandwich immunoassay:

Capture	Detection
A496	A491
A496	SAA19cc
SAA19cc	A496
A496	SAA21cc

(SAA19cc and SAA21cc available under Cat.# 4VS4)

Purification:

Protein A chromatography

Presentation:

PBS, pH 7.4, 0.09 % sodium azide (NaN_3)

Storage:

+4 °C (+2 … +8 °C allowed)

Other information:

Bovine serum albumin (BSA) is commonly used as a buffer component or blocking agent for immunoassays. Some preparations of BSA might exhibit high background in SAA immunoassays. In case of high background, testing of several different BSA preparations is recommended.

When developing an SAA immunoassay in microtiter plates, non-specific binding of SAA to the wells of a plate might be observed. Plates blocking procedure and antigen dilution buffer might require optimization to ensure that SAA non-specific binding to the plate wells is suppressed. Blocking buffer containing 1% casein and 0.05% Tween 20 is suggested for plate wells blocking.

Material safety note:

This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.

Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.

Hytest

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