



DataSheet

CATALOGUE #: 4SA11

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

MAbs *in vitro*: SAA1cc, SAA15cc

MAbs *in vivo*: SAA6, VSA6, VSA25

Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with either human SAA (SAA1cc, SAA6, SAA15cc), or synthetic peptides corresponding to the regions 23-29 a.a.r. (VSA25) and 72-86 a.a.r. (VSA6) of human SAA.

Specificity: Human SAA. All MAbs cross-react with canine SAA. MAbs VSA6 and VSA25 cross-react also with equine SAA and MAb VSA25 with feline SAA.

MAb isotypes: **IgG1** for MAbs SAA1cc, SAA15cc, SAA6, VSA6, VSA25

Applications: All MAbs recognize SAA in ELISA and Western blotting.

Recommended pairs for human SAA sandwich immunoassay (capture - detection):

VSA25 – VSA31cc

VSA6 – VSA38cc

(MAbs VSA31cc and VSA38cc are under Cat.# 4VS4)

Purification: Protein A chromatography

Presentation: PBS, pH 7.4, 0.09 % sodium azide (NaN₃)

Storage: +4 °C (+2 ... +8 °C allowed)

Other information: We recommend to avoid using bovine serum albumin (BSA) as a buffer component or blocking agent for SAA immunoassay. In buffers, BSA can be replaced with 1% casein.

When developing an SAA immunoassay in microtiter plates, it is important to prevent non-specific binding of SAA to the wells of a plate. Plates blocking procedure and antigen dilution buffer should be optimized to ensure that SAA non-specific binding to the plate wells is suppressed. Buffer containing 1% casein and 0.05% Tween 20 is suggested for recommended MAb combinations.

Material safety note: This product is sold **for research 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 Ltd.

Intelligate 1, 6th floor, Joukahaisenkatu 6

FI-20520 Turku FINLAND

www.hytest.fi | hytest@hytest.fi