

CATALOGUE #: 4T24 / 4T24cc

PRODUCT NAME: Monoclonal mouse anti-human serum albumin

MAbs *in vitro*
(Cat.# 4T24cc): 15C7cc

MAbs *in vivo*
(Cat.# 4T24): 1C8, 1A9, 6B11, 14E7, HSA11, HSA20

Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with human serum albumin.

Specificity: Human serum albumin. No cross-reactivity with other tested human proteins. Does not react with bovine serum albumin, egg white albumin or human alpha fetoprotein.

MAB isotypes: **IgG1** for MAbs 1C8, HSA11, HSA20
IgG2a for MAbs 1A9, 6B11
IgG2b for MAbs 15C7cc, 14E7

Applications: MAbs recognize human serum albumin in ELISA.

All MAbs are working in Western blotting.

Recommended combinations for sandwich immunoassay, suitable for the quantitative detection of human serum albumin in serum and urine (capture-detection):

HSA20 – 14E7

15C7cc – 1A9

15C7cc – 6B11

HSA11 – 15C7cc

1A9 – 15C7cc

Purification: Protein A chromatography

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

Storage: +4 °C (+2 ... +8 °C allowed)

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.