



# DataSheet

**CATALOGUE #:** 4T24 / 4T24cc

**PRODUCT NAME:** Monoclonal mouse anti-human serum albumin

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**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 (NaN<sub>3</sub>)

**Storage:** +4 °C (+2 ... +8 °C allowed)

**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.

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