

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

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

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

**15C7cc**

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***  
(Cat.# 4T24):

**1C8, 1A9, 6B11, 14E7, HSA11, HSA20**

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 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 1C8, HSA11, HSA20

**IgG2a** for 1A9, 6B11

**IgG2b** for 15C7cc, 14E7

**Applications:**

MAbs recognize human serum albumin in ELISA.

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 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.