

**CATALOGUE #:** 2TS11 / 2TS11cc

**PRODUCT NAME:** Monoclonal anti-thyroid stimulating hormone (TSH)

**Recombinant MAbs  
(Cat.# 2TS11cc):**

**TS13, TS18, TS21, TS25, TS31, TS32**

Recombinant chimeric antibody expressed in a mammalian cell line. Composed of original wild type variable domains of sheep derived MAb and human IgG1 constant domains.

**MAbs *in vitro*  
(Cat.# 2TS11cc):**

**7G12cc, 11E4cc, 10C7cc, 1CT1cc**

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.# 2TS11):**

**7CT8**

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

**Immunogen:**

TSH from human pituitary gland for 7G12cc, 11E4cc, 10C7cc, 1CT1cc and 7CT8

Recombinant human TSH for TS13, TS18, TS21, TS25, TS31 and TS32

**Specificity:**

TS21, TS31, TS32, 7G12cc, 10C7cc	Whole molecule of human TSH
TS13, TS18, TS25, 11E4cc, 1CT1cc, 7CT8	Beta-subunit of human TSH

TS13, TS18, TS21, TS25, TS31, TS32, 7G12cc, 11E4cc, 10C7cc, 1CT1cc, 7CT8 do not cross-react with human LH, FSH, CG.

11E4cc, 1CT1cc, 7CT8 also recognize beta-subunit of canine TSH.

**MAb isotypes:**

**IgG1** for TS13, TS18, TS21, TS25, TS31, TS32, 7G12cc, 11E4cc, 10C7cc, 1CT1cc, 7CT8

**Applications:**

Recommended pairs for sandwich ELISA (capture – detection):

Capture	Detection	
TS21	TS18	human TSH
TS21	TS13	human TSH
TS21	TS25	human TSH
TS32	TS13	human TSH
TS31	TS13	human TSH
11E4cc	7G12cc	human TSH
7CT8	1CT1cc	human and canine TSH
11E4cc	1CT1cc	human and canine TSH

**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.