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

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

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
Specificity:	7G12cc: 10C7cc: whole molecule of human TSH 11E4cc, 1CT1cc, 7CT8: beta-subunit of human and canine TSH 10C7cc, 11E4cc, 7G12cc, 1CT1cc and 7CT8 do not cross-react with human LH, FSH and HCG.
MAb isotypes:	**IgG1** for 7G12cc, 11E4cc, 10C7cc, 1CT1cc, 7CT8
Applications:	Recommended pairs for sandwich ELISA (capture – detection): 11E4cc – 7G12cc (human TSH) 7CT8 – 1CT1cc (human and canine TSH) 11E4cc – 1CT1cc (beta-subunit of human and canine TSH) MAb 11E4cc reacts with beta-subunit of human and canine TSH in Western blotting under non-reducing conditions. MAbs 1CT1cc and 11E4cc react with beta-subunit of canine TSH in Western blotting under non-reducing conditions.
Purification:	Protein A chromatography
Presentation:	PBS, pH 7.4, 0.09 % sodium azide (NaN_3)
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.

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