



DataSheet

CATALOGUE #: 2TS11 / 2TS11cc

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

MAbs *in vitro*
(Cat.# 2TS11cc): 7G12cc, 11E4cc, 10C7cc

MAbs *in vivo*
(Cat.# 2TS11): 1CT1, 7CT8

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

Specificity: 7G12cc: 10C7cc: whole molecule of human TSH
11E4cc, 1CT1, 7CT8: beta-subunit of human and canine TSH
10C7cc, 11E4cc, 7G12cc, 1CT1 and 7CT8 do not cross-react with human LH, FSH and HCG.

MAb isotypes: IgG1 for 7G12cc, 11E4cc, 10C7cc, 1CT1, 7CT8

Applications: Recommended pairs for sandwich ELISA (capture – detection):

11E4cc – 7G12cc (human TSH)

7CT8 – 1CT1 (human and canine TSH)

11E4cc – 1CT1 (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 1CT1 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 (NaN₃)

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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