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30-1055-B: Anti-Thyrotropin (hTSH) Monoclonal Antibody (Clone:TSH-51)-Biotin Conjugated

Clonality :	Monoclonal
Clone Name :	TSH-51
Application :	ICC,ELISA
Reactivity :	Human
Conjugate :	Biotin
Gene :	TRH
Gene ID :	7200
Uniprot ID :	P20396
Alternative Name :	TRH,Thyrotropin
Isotype :	Mouse IgG2a
Immunogen Information :	Human thyrotropin.

Description

Specificity: The antibody TSH-51 reacts with human thyroid stimulating hormone (hTSH, thyrotropin), a glycoprotein hormone produced by the anterior pituitary gland cells in response to signals from the hypothalamus gland in the brain. The TSH-51 antibody reacts with association constant 5.5 x 10^{10} l/mol. Following cross-reactivity expressed as binding of labelled hormone (% of total) was determined by solid phase RIA with excess of the antibody TSH-51: hTSH (68.6), hCG (0.03), hLH (2.99), hFSH (0.66).

Description: Thyrotropin (hTSH) promotes the growth of the thyroid gland in the neck and stimulates it to produce more thyroid hormones. hTSH is composed of two subunits - alpha and beta.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Content :	Concentration: 1 mg/ml Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Immunocytochemistry ELISA RIA The antibody TSH-51 is suitable in combination with the antibody TSH-116 for immunometric assays in the screening of neonatal hypothyroidism.