MONOCLONAL MOUSE
ANTI-HUMAN THYROID STIMULATING HORMONE (TSH), 0042
(DAKO-TSH, 0042)
CODE NO. M3503
LOT NO. 050

For In Vitro Diagnostic Use

Immunogen
Purified human TSH

Clone
0042

Presentation
DAKO-TSH, 0042 is a mouse monoclonal antibody supplied in liquid form as
tissue culture supernatant (containing fetal bovine serum) dialyzed against
0.05M Tris-HCl, pH 7.2 and, 15mM sodium azide and carrier protein.

Total Protein Conc.: 2.1 mg/mL, excluding carrier protein (Refractometry)
Mouse IgG Concentration: 44 µg/mL (Single Radial Immunodiffusion)
Subclass: IgG1, kappa

Specificity
DAKO-TSH, 0042 reacts with the β subunit of thyroid stimulating hormone.
By immunoradiometric assay (IRMA) no detectable cross-reactivity was found
against hGH, prolactin, hCG or bovine TSH.

Reactivity
Normal cells
By immunohistochemistry (IHC), the antibody labels thyrotropic cells of the
pituitary.

Tumor cells
DAKO-TSH, 0042 is useful in the classification of pituitary adenomas and in
the differential diagnosis of primary and metastatic tumors of the pituitary.

Staining Procedure
Paraffin Sections
DAKO-TSH, 0042 can be used on formalin-fixed, paraffin-embedded tissue
sections. Pretreatment of tissue with proteolytic enzymes is not required.

A variety of staining techniques is suitable, including avidin-biotin methods,
the three-stage immunoperoxidase procedure, the APAAP (alkaline
phosphatase anti-alkaline phosphatase) and PAP (peroxidase anti-
peroxidase) techniques.

DAKO-TSH, 0042 may be used at a dilution of 1:50 in the LSAB method
determined on formalin-fixed, paraffin-embedded tissue. These are
guidelines only; optimal dilutions should be determined by the individual
laboratory.

Storage
Store at 2-8°C or -20°C. Avoid repeated freeze-thaw cycles.