

SPECIFICATIONS

THYROID STIMULATING HUMAN MONOCLONAL AUTOANTIBODY

(M22 IgG)

Isotype / Light chain: IgG lambda.

Expression System: IgG purified from cell culture supernatant.

Available Forms: Vials containing 4 μ g or 40 μ g IgG freeze-dried with 2.5 mg of bovine serum albumin.

Molecular weight: 150,000.

Applications: Suitable for use in TSH receptor assay and bioassay systems.

Storage: -20°C.

Literature: "Human monoclonal thyroid stimulating autoantibody" J Sanders et al
Lancet 2003 **362**: 126-128

"Characteristics of a human monoclonal autoantibody to the thyrotropin receptor: Sequence structure and function" J Sanders et al
Thyroid 2004 **14**: 560-570

"TSH receptor antibodies" B Rees Smith et al
Thyroid 2007 **17**: 923-938

"TSH receptor – Autoantibody interactions" B Rees Smith et al
Horm Metab Res 2009 **41**:448-455