Thyroid Stimulating Hormone Monoclonal Antibody (P2D9)

**Catalog Number** MIT0412

**Species Reactivity**
- Tested species reactivity: Human

**Tested Applications**
- ELISA (ELISA): Assay Dependent
- Immunoprecipitation (IP): Assay Dependent
- Radioimmune Assays (RIA): Assay Dependent

**Details**
- **Size**: 1 mg
- **Host/Isotype**: Mouse / IgG
- **Class**: Monoclonal
- **Type**: Antibody
- **Clone**: P2D9
- **Immunogen**: Human Thyroid Stimulating Hormone
- **Conjugate**: Unconjugated
- **Form**: Liquid
- **Concentration**: 4.85 mg/ml
- **Purification**: Protein A
- **Storage buffer**: PBS, pH 7.4
- **Contains**: 0.1% sodium azide
- **Storage Conditions**: Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C

**Product specific information**
MIT0412 targets Thyroid Stimulating Hormone in ELISA, IP, and RIA applications and shows reactivity with Human samples.

MIT0412 detects Thyroid Stimulating Hormone which has a predicted molecular weight of approximately 13 kDa.

MIT0412 was formerly sold as a Seradyn product.

**Background/Target Information**
The four human glycoprotein hormones chorionic gonadotropin (CG), luteinizing hormone (LH), follicle stimulating hormone (FSH), and thyroid stimulating hormone (TSH) are dimers consisting of alpha and beta subunits that are associated noncovalently. The alpha subunits of these hormones are identical, however, their beta chains are unique and confer biological specificity. The protein encoded by this gene is the alpha subunit and belongs to the glycoprotein hormones alpha chain family.