

## Monoclonal Antibody to T1 - FITC

<b>Alternate names:</b>	ChT1
<b>Catalog No.:</b>	SM2063F
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.1 mg/ml
<b>Background:</b>	ChT1 is primarily expressed on chicken thymocytes, a subpopulation of bone marrow precursors and a subset of peripheral T lymphocytes. Studies suggest that ChT1 plays an important role in the early stages of T cell development.
<b>Host / Isotype:</b>	Mouse / IgG2b
<b>Recommended Isotype Controls:</b>	SM12F
<b>Clone:</b>	RR5-89
<b>Format:</b>	<b>State:</b> Liquid purified IgG <b>Purification:</b> Affinity chromatography on Protein G <b>Buffer System:</b> PBS, pH 7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin <b>Label:</b> FITC – Fluorescein Isothiocyanate Isomer 1
<b>Applications:</b>	Flow Cytometry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognises the cell surface antigen ChT1, a novel member of the Immunoglobulin superfamily. <b>Species:</b> Chicken. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Katevuo K, Imhof BA, Boyd R, Chidgey A, Bean A, Dunon D, et al. ChT1, an Ig superfamily molecule required for T cell differentiation. J Immunol. 1999 May 15;162(10):5685-94. PubMed PMID: 10229800.