

## Anti-CD4 epitope A [YTS 177.9] Standard Size Ab00205-2.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric mouse antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Mouse IgG2a, [Fc Silent™](#), Kappa

**Clone Number:** YTS 177.9

**Alternative Name(s) of Target:** Leu3/T4; CD4; T-cell surface glycoprotein CD4; T-cell differentiation antigen L3T4; T-cell surface antigen T4/Leu-3; YTS177; YTS-177; YTS177.9

**UniProt Accession Number of Target Protein:** P06332

**Published Application(s):** FC, IHC

**Published Species Reactivity:** Mouse

**Immunogen:** Mouse spleen cells.

**Specificity:** Recognises CD4, a MHC type II antigen expressed by most T helper cells and normal thymocytes commonly found in human lymph nodes and tonsils.

**Application Notes:**

**Antibody First Published in:** Nabozny GH et al. Suppression in murine experimental autoimmune thyroiditis: in vivo inhibition of CD4+ T cell-mediated resistance by a nondepleting rat CD4 monoclonal antibody. Cell Immunol. 1991 Nov;138(1):185-96 [PMID:1680568](#)

**Note on publication:**

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.