

## Anti-CD4 epitope A [YTS 177.9] Standard Size Ab00205-1.1

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 IgG1, 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.