

Anti-CD4 [YNB46.1.8 (Campath-9H)] Standard Size Ab00167-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original rat IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: YNB46.1.8 (Campath-9H)

Alternative Name(s) of Target: Leu-3/T4; Cluster of differentiation 4; T-cell surface glycoprotein CD4; T-cell surface antigen T4/Leu-3

UniProt Accession Number of Target Protein: P01730

Published Application(s): FC, IHC, IHC-Fr

Published Species Reactivity: Human

Immunogen: Rat T-cell line (NB2) transfected with the human CD4.

Specificity: Recognizes the 55kDa human CD4 cell surface antigen, expressed by helper T lymphocytes and by monocytes.

Application Notes:

Antibody First Published in: Mathieson PW1, Cობbold SP, Hale G, Clark MR, Oliveira DB, Lockwood CM, Waldmann H. Monoclonal-antibody therapy in systemic vasculitis. N Engl J Med. 1990 Jul 26;323(4):250-4.

[PMID:2366834](#)

Note on publication: Describes the production of the clone YNB46.1.8 and explores its therapeutic potential as a combinatorial agent with Campath 1-H for the treatment of intractable systemic vasculitis

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.