

Anti-CD7 [YTH3.2.6] Bulk Size Ab01019-13.12-BT

This chimeric human antibody was made using the variable domain sequences of the original Rat IgG2b format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG4-S228P, Kappa

Clone Number: YTH3.2.6

Alternative Name(s) of Target: GP40; LEU-9; TP41; Tp40; T-cell leukemia antigen; P41 protein; YTH3.2.6AG5

UniProt Accession Number of Target Protein: P09564

Published Application(s): ELISA, FC, IF, IHC

Published Species Reactivity: Human

Immunogen: The k-secreting myeloma line Y3/Ag1.2.3 was fused with spleen cells from DA rats immunised with normal human lymphocytes.

Specificity: This antibody binds CD7.

Application Notes: The fraction of human lymphocyte cells recognised by YTH 3.2 was analysed by flow cytometry, using fluorescein-labelled F(ab')₂ fragments of rabbit anti-(rat Ig) to stain the antibody. Binding has also been characterised by ELISA. In preliminary tests, graft rejection in patients with steroid-resistant kidney rejection indicated that graft rejection could be reversed by YTH 3.2 injections (Hale et al, 1985). This antibody has been used to stain T-cell dependent areas in immunohistology (King et al, 1989).

Antibody First Published in: Hale et al Therapeutic potential of rat monoclonal antibodies: isotype specificity of antibody-dependent cell-mediated cytotoxicity with human lymphocytes. J Immunol 1985; 134:3056-3061 [PMID:3980990](#)

Note on publication: Describes the generation and analysis of rat monoclonal antibodies for use in serotherapy.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.