

Anti-CD19 [CAT-13.1E10] Standard Size Ab01511-10.0

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

Isotype and Format: Human IgG1, Kappa

Clone Number: CAT-13.1E10

Alternative Name(s) of Target: Leu12; B-lymphocyte antigen CD19; B-lymphocyte surface antigen B4; Differentiation antigen CD19 T-cell surface antigen Leu-12; CD19; B4; CAT 13.1E10

UniProt Accession Number of Target Protein: P15391

Published Application(s): therapeutics

Published Species Reactivity: Human

Immunogen: This antibody was raised by immunising mice against CD19.

Specificity: CAT 13.1E10 antibody recognises CD19, which is a transmembrane glycoprotein that regulates B lymphocyte development, activation, and differentiation.

Application Notes: This antibody is recommended for targeting and analysis of B cells. CAT-13.1E10 was used as a part of a fusion molecule aimed at intracellular delivery of BINDI in order to establish a potential treatment method of EBV-positive B lymphoma in a xenograft mouse model (US20160376333A1).

Antibody First Published in: Procko et al. University of Washington, 2017. Polypeptides to inhibit epstein barr viral protein BHRF1 and B cell lymphoma family proteins. U.S. Patent 9,750,814. [PMID:](#)

Note on publication: This patent describes the potential therapeutical use of CAT-13.1E10 antibody.

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.