

Anti-CD1c [M241] Standard Size Ab00820-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors. Developed in partnership with Ximbio (www.ximbio.com).

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, Fc Silent™, Kappa

Clone Number: M241

Alternative Name(s) of Target: BDCA1; c polypeptide; CD1; CD1A; CD1c; CD1C antigen; CD1C antigen, c polypeptide; cortical thymocyte antigen CD1C; differentiation antigen CD1-alpha-3; R7; RP11-101J8.3; T-cell surface glycoprotein CD1c; Human Thymus Leukaemia antigen; M-241; M 241

UniProt Accession Number of Target Protein: P29017

Published Application(s): IP, RIA, IF, IHC

Published Species Reactivity: Human

Immunogen: The first use of this antibody described its utilisation in immunoprecipitation experiments to recognise a human thymus leukemia-like antigen associated with beta2-microglobulin.

Specificity: Reacts specifically with CD1c. Shows different reactivity in skin sections and LC suspensions.

Application Notes: M241 has been used to characterise B cells in severe combined immunodeficiency disease by immunofluorescence (Small TN et al 1989).

Antibody First Published in: Knowles et al. A monoclonal antibody recognizing a human thymus leukemia-like antigen associated with beta 2-microglobulin Eur J Immunol 12:676-81 (1982) [PMID:6754387](#)

Note on publication: Describes the use of M241 in immunoprecipitation to recognise a human thymus leukemia-like antigen associated with beta2-microglobulin.

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.