

## Anti-CD10 [NL-1] Standard Size Ab00950-2.0

**Isotype and Format:** Mouse IgG2a, Kappa

**Clone Number:** NL-1

**Alternative Name(s) of Target:** Neprilysin; Cluster of Differentiation 10; Membrane metallo-endopeptidase; MME; Neutral endopeptidase 24.11; Neutral endopeptidase; NEP; Common acute lymphocytic leukaemia antigen; CALLA; Skin fibroblast elastase; SFE; CMT2T; SCA43; Atriopeptidase; Enkephalinase

**UniProt Accession Number of Target Protein:** P08473

**Published Application(s):** IP, WB, IF

**Published Species Reactivity:** Human

**Immunogen:** BALB/c mice were immunised with acute lymphocytic leukaemia cells from a human leukaemia patient. Splenocytes were obtained from immunised mice and fused with MOPC-21 NS/1 myeloma cells to generate a hybridoma.

**Specificity:** This antibody reacts with human CD10. CD10 is a widely-expressed cell-surface metalloprotease, responsible for the cleavage of multiple peptide hormones at target tissues. CD10 is also a common marker for acute lymphocytic leukaemia.

**Application Notes:** NL-1 was shown to react with several leukaemic cell lines using immune adherence assays (Ueda et al, 1982). These authors also confirmed that NL-1 is specific for CD10 using IP.

**Antibody First Published in:** Ueda et al. Serological analysis of cell surface antigens of null cell acute lymphocytic leukemia by mouse monoclonal antibodies. Proc Natl Acad Sci U S A. 1982 Jul;79(14):4386-90. [PMID:6956869](#)

**Note on publication:** Describes the generation and characterisation of a panel of mAbs against various leukaemic cell lines with the goal of using this panel of mAbs to define blood antigen systems.

## 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.