

## Anti-CD43 [W3/13] Standard Size Ab00540-8.1

This chimeric rat 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:** Rat IgG2b, Kappa

**Clone Number:** W3/13

**Alternative Name(s) of Target:** Leukosialin; sialophorin; Leukocyte sialoglycoprotein; Ly-48; Ly48

**UniProt Accession Number of Target Protein:** P13838

**Published Application(s):** RIA, FC, IF, IHC

**Published Species Reactivity:** Rat

**Immunogen:** Rat thymocyte membrane glycoproteins injected into BALB/c mice.

**Specificity:** This antibody binds to CD43, which is expressed on lymphocytes.

**Application Notes:** This antibody detects CD43 on lymphoid cells, and can be used to label thymocytes, lymphocytes from the bone marrow and thoracic duct lymphocytes (Williams et al, 1977). Similarly, W3/13 can be used in immunohistochemical staining, enabling the elucidation of the cellular organisation of lymph nodes (Barclay, 1981).

**Antibody First Published in:** Williams et al. Analysis of cell surfaces by xenogeneic myeloma-hybrid antibodies: Differentiation antigens of rat lymphocytes Cell, 1977, Vol.12(3), pp.663-673 [PMID:303545](#)

**Note on publication:** Describes the original use of this antibody to detect CD43 in lymphoid cell labelling studies

## 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.