

Anti-CD43 [W3/13] Standard Size Ab00540-23.0

This chimeric rabbit 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: Rabbit IgG, 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.