

Anti-CD44 [OX-49] Standard Size Ab00550-8.1

This chimeric rat antibody was made using the variable domain sequences of the original Mouse IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rat IgG2b, Kappa

Clone Number: OX-49

Alternative Name(s) of Target: CDW44, CSPG8, ECMR-III, HCELL, HUTCH-I, IN, LHR, MC56; MDU2; MDU3; MIC4; Pgp1; CD44 molecule (Indian blood group); HCAM; Hermes antigen; Pgp-1; lymphocyte homing receptor; ECM-III; HUTCH-1

UniProt Accession Number of Target Protein:

Published Application(s): IP, WB, FC

Published Species Reactivity: Rat

Immunogen: T blasts from a mixed lymphocyte reaction between purified rat CD4+ T cells and irradiated spleen.

Specificity: This antibody binds rat CD44 at an epitope overlapping with asparagine residue 67. The murine homologue of CD44 has a histidine in this position which is sufficient to abrogate binding (Zheng et al. 1995).

Application Notes: This antibody antibody recognises rat CD44.

Antibody First Published in: Paterson et al. Antigens of activated rat T lymphocytes including a molecule of 50,000 Mr detected only on CD4 positive T blasts. Mol Immunol. 1987 Dec;24(12):1281-90. [PMID:2828930](#)

Note on publication: Describes the generation and initial characterisation of this 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.