

## 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 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.