

Anti-CD5 [OX-19] Standard Size Ab00554-8.1

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: OX-19

Alternative Name(s) of Target: Lyt-1; Ly-1; Ly-12; Lyt1; Ly1; Ly12; OX19; MRC OX19; MRC OX-19; UCHT2; UCH-T2

UniProt Accession Number of Target Protein: P51882

Published Application(s): inhibit, WB, FC, IHC

Published Species Reactivity: Rat

Immunogen: Rat immunized with thymocyte glycoproteins.

Specificity: This antibody binds to CD5 glycoprotein primarily expressed on thymocytes and mature peripheral T lymphocytes. CD5 is a member of the scavenger receptor superfamily and primarily expressed on thymocytes and mature peripheral T lymphocytes, but not on NK cells, intestinal intraepithelial gamma/delta T cells.

Application Notes: This antibody can be used for denaturing and non-denaturing WB and developed using peroxidase-conjugated rabbit anti-mouse. It can also be used for IHC of cryostat sections from adult rat liver. Staining is also observed on the brush border of the small intestine and colonic epithelium, T cell areas of lymphoid cells but not B cell follicles

Antibody First Published in: McCaughan et al. Identification of the bile canalicular cell surface molecule GP110 as the ectopeptidase dipeptidyl peptidase IV: an analysis by tissue distribution, purification and N-terminal amino acid sequence. Hepatology 11:534-544 1990 [PMID:1970322](#)

Note on publication: Describes the tissue distribution of CD26 by staining using the antibody OX-61. OX-61 also was shown to deplete CD26 activity.

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.