

Anti-CD90 [T11D7e] Bulk Size Ab00824-21.0-BT

This antibody does not have a J-chain and therefore presents as a hexamer, rather than a pentamer. Developed in partnership with Ximbio (www.ximbio.com).

Isotype and Format: Mouse IgM, Kappa

Clone Number: T11D7e

Alternative Name(s) of Target: Thy-1; P01831; Thy1.1; Thy-1 membrane glycoprotein; Thy1; Thy-1 antigen

UniProt Accession Number of Target Protein: P01830

Published Application(s): deplete, IF

Published Species Reactivity: Rat, Mouse

Immunogen: This antibody was raised by immunising CBA mice with xenogeneic rat thymocytes, which express the Thy-1.1 antigen.

Specificity: This antibody binds murine and rat CD90. While CD90 is a monomorphic determinant in rats, CD90 is polymorphic in mice. As a result, this antibody reacts with Thy1.1-expressing mice, including AKR and FVB mice, but not Thy1.2-expressing mice, such as CBA and BALB/c.

Application Notes: This antibody has been used in indirect immunofluorescence analysis of Thy-1 antigen expression in both methanol-fixed and living cell cultures (Dulbecco et al, 1979; Hasthorpe, 1980). This antibody has also been used, in conjunction with rabbit complement, to deplete Thy1-expressing fibroblasts from serum samples through complement-mediated lysis (Mahanthappa et al, 1996).

Antibody First Published in: Lake et al. Production and characterization of cytotoxic Thy-1 antibody-secreting hybrid cell lines. Detection of T cell subsets. Eur J Immunol. 1979 Nov;9(11):875-86. [PMID:393521](#)

Note on publication: Describes the original generation of this antibody as part of a panel of anti-Thy1.1 mAbs.

Product Form

Size: 500 µg Purified antibody in bulk size.

Purification: Affinity Purified using a recombinant lectin column

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.