

Anti-Thy1/CD90 Antibody (2F250)

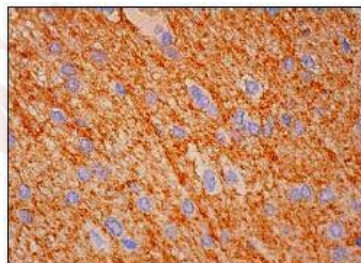
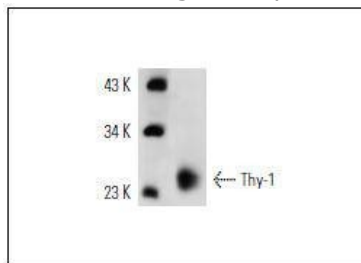
Product Details

Reactivity:	Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 25-37 kDa.
Clone:	2F250
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of Thy-1 expression in rat brain tissue extract.
2. Immunoperoxidase staining of formalin fixed, paraffin-embedded human cerebral cortex tissue showing neuropil staining.



Application:	FCM,IF,IHC-P,IP,WB
Recommended	WB: 1:100-1000; IHC-P: 1:50-500; IP: 1-2 µg per 100-500 µg of total protein(1 ml of cell lysate); FCM: 1 µg per 1 x 10 ⁶ cells

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: Peptide
Uniprot ID: P01831
Synonyms: CD90;Thy-1 cell surface antigen

Research Background

Over 100 cell surface markers have been identified through the use of monoclonal antibodies. Many of these markers have proven useful in identifying specific subpopulations of cells within mixed colonies. Accordingly, these molecules have been assigned a "cluster of differentiation" (CD) designation. One such marker, designated Thy-1 (also referred to as CDw90), is a phosphatidyl-anchored cell surface glycoprotein which when coexpressed with CD34 on cells from normal human bone marrow, identifies a subpopulation that includes putative hematopoietic, pluripotent stem cells. Thy1+ cells from bone marrow have been implicated in syngeneic graft versus host disease and may serve to regulate autoreactivity after bone marrow transplant.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481