

Recombinant

DGRmAb®

Thy1/CD90 (DGR16744) Rabbit mAb

db12377

Package : 10µL 20µL 50µL 100µL

Product Name : Thy1/CD90 (DGR16744) Rabbit mAb**Cat.No.:** db12377**Synonyms** : CD90; CDw90**Application** : WB, IHC-P, ICC/IF**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes a cell surface glycoprotein and member of the immunoglobulin superfamily of proteins. The encoded protein is involved in cell adhesion and cell communication in numerous cell types, but particularly in cells of the immune and nervous systems. The encoded protein is widely used as a marker for hematopoietic stem cells. This gene may function as a tumor suppressor in nasopharyngeal carcinoma. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015]

Immunogen

A synthetic peptide of human Thy1

Gene ID

7070

Swiss Prot

P04216

Synonyms

CD90; CDw90

Reactivity

Human

Application

WB, IHC-P, ICC/IF

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:50

ICC/IF: 1:50

Calculated MW

18 kDa

Observed MW

22 kDa

Host species

Rabbit

Clonality

Monoclonal

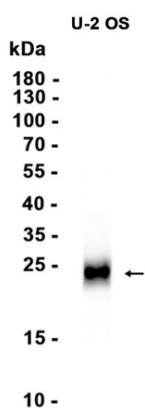
Clonality No.

DGR16744

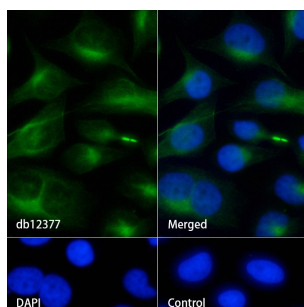
Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from U-2 OS cells using db12377 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling Thy1/CD90 with db12377.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db12377 (1:50) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.