

Recombinant

DGRmAb®

Thy1/CD90 (DGR16744) Rabbit mAb (PBS Only)

db12377-PBS

Package : 10µg 100µg

Product Name : Thy1/CD90 (DGR16744) Rabbit mAb (PBS Only)**Cat.No.:** db12377-PBS**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

Calculated MW

18 kDa

Observed MW

22 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR16744

Isotype

IgG

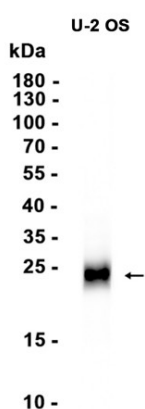
Purity

Affinity Purification

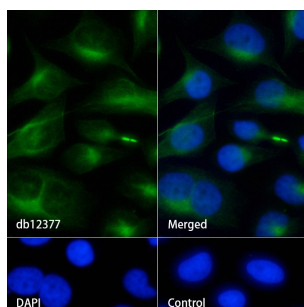
Conjugation

Un-conjugated

Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. 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.