Recombinant DGRmAb®

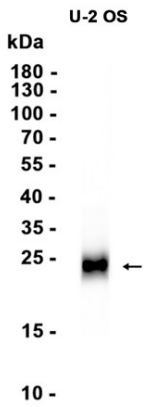
Thy1/CD90 (DGR16744) Rabbit mAb

db12377 **Package : 10μL 20μL 50μL 100μL**

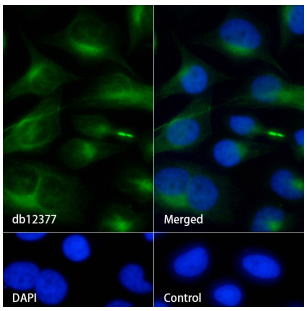
Product Name : Thy1/CD90 (DGR16744) Rabbit mAb
Cat.No.: db12377
Synonyms : CD90; CDw90
Application : WB, IHC-P, ICC/IF
Reactivity : Human
Host species : Rabbit

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.