

CoraLite® Plus 488-conjugated CD90 Monoclonal antibody

Catalog Number: **CL488-66766**

Basic Information

Catalog Number:

CL488-66766

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG25603

GenBank Accession Number:

BC065559

GeneID (NCBI):

7070

UNIPROT ID:

P04216

Full Name:

Thy-1 cell surface antigen

Calculated MW:

161 aa, 18 kDa

Observed MW:

28 kDa

Purification Method:

Protein A purification

CloneNo.:

2D7D11

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

Species Specificity:

Human, pig, rat

Background Information

CD90, also known as THY1, is a 25-35 kD protein that is expressed on 1-4% of human fetal liver cells, cord blood cells, and bone marrow cells. CD90 is one of the essential surface molecules expressed on human MSC from bone marrow and other sources. Activation of Thy-1 has been reported to promote T cell activation. It also affects numerous nonimmunologic biological processes, including cellular adhesion, neurite outgrowth, tumor growth, migration, and cell death.

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

