



[Go to Product page](#)

Datasheet for ABIN135287

anti-CD90.2 / Thy-1.2 antibody (PE)

1 Image

3 Publications

Overview

Quantity:	0.1 mg
Target:	CD90.2 / Thy-1.2
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This CD90.2 / Thy-1.2 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Mouse thymus or spleen
Clone:	30-H12
Isotype:	IgG2b
Specificity:	Mouse CD90.2 (Thy-1.2 alloantigen), Mr 25-30 kDa
Characteristics:	Rat Anti-Mouse CD90.2-PE

Target Details

Target:	CD90.2 / Thy-1.2
Alternative Name:	CD90.2 (CD90.2 / Thy-1.2 Products)
Background:	CD90/Thy-1 is a GPI-anchored molecule and one of the smallest members of the immunoglobulin superfamily, consisting of a single V-set domain. The Thy-1.2 alloantigen is

Target Details

expressed on all thymocytes, peripheral T lymphocytes, and some intraepithelial T cells of most mouse strains. It is also expressed in the brain and at varying levels on other non-lymphoid tissues.

Application Details

Application Notes:

- **Applications:** FC - Quality tested , IHC-FS - Reported in literature , ICC - Reported in literature , IP - Reported in literature , Depletion - Reported in literature , Costim - Reported in literature , Apop - Reported in literature
- **Working Dilutions:** Flow Cytometry Purified (UNLB) antibody 1 g/106 cells FITC, BIOT, and AF488 conjugates 1 g/106 cells APC, SPRD, PACBLU, and AF647 conjugates 0.2 g/106 cells AF700 conjugate 0.1 g/106 cells PE conjugate 0.05 g/106 cells For flow cytometry, the suggested use of these reagents is in a final volume of 100 L

Comment: in vivo and in vitro depletion of T cells

Sample Volume: 1 mL

Restrictions: For Research Use only

Handling

Concentration: 0.1 mg/mL

Buffer: 0.1 mg in 1.0 mL or 0.2 mg in 2.0 mL of PBS/Sodium azide and a stabilizing agent

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: **Do not freeze!**
Protect conjugated products from light.
Each reagent is stable for the period shown on the bottle label if stored as directed.

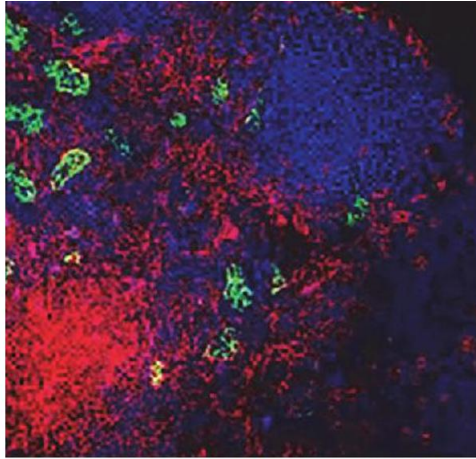
Storage: 4 °C

Storage Comment: Store at 2-8°C

Publications

Product cited in: Roos Ljungberg, Börjesson, Martinsson, Wetterö, Kastbom, Svärd: "Presence of salivary IgA anti-citrullinated protein antibodies associate with higher disease activity in patients with rheumatoid arthritis." in: **Arthritis research & therapy**, Vol. 22, Issue 1, pp. 274, (2021) ([PubMed](#))

).



CD90.2 B220 pNAD

Immunofluorescence

Image 1. Frozen C57BL/6 mouse lymph node section was stained with Rat Anti-Mouse CD90.2-PE