

Datasheet for ABIN7278564

anti-CD90.2 / Thy-1.2 antibody (violetFluor™ 450)



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1 Image

Overview

Quantity:	100 µg
Target:	CD90.2 / Thy-1.2
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This CD90.2 / Thy-1.2 antibody is conjugated to violetFluor™ 450
Application:	Flow Cytometry (FACS)

Product Details

Clone:	30-H12
Isotype:	IgG2b
Purification:	This monoclonal antibody was purified from tissue culture supernatant via affinity chromatography. The purified antibody was conjugated under optimal conditions, with unreacted dye removed from the preparation. It is recommended to store the product undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.

Target Details

Target:	CD90.2 / Thy-1.2
Alternative Name:	CD90.2 (CD90.2 / Thy-1.2 Products)
Background:	The 30-H12 antibody reacts with mouse CD90.2 (Thy1.2). CD90.2 is a strain-specific allelic form of the GPI-linked membrane associated protein CD90 and is involved in adhesion and

Target Details

signal transduction. CD90.2 is expressed on thymocytes, mature T cells and neurons in mouse strains that express the CD90.2 allele (BALB/c, CBA, C3H, C57BL/6, SJL and others). 30-H12 does not react with the CD90.1 allele expressed in mouse strains such as PL and AKR.

Gene ID: 21838

UniProt: [P01831](#)

Application Details

Application Notes: This antibody preparation has been quality-tested for flow cytometry using mouse spleen cells, or an appropriate cell type (where indicated). The amount of antibody required for optimal staining of a cell sample should be determined empirically in your system. violetFluor™ 450 dye is excited by the violet (405 nm) laser and has a peak emission of 450 nm. The most common band pass filters for this dye are 440/40 or 450/50. violetFluor™ 450 can be used as an alternative for Pacific Blue®, BD Horizon™ V450 or eFluor® 450.

Comment: 0.2 mg/mL

Restrictions: For Research Use only

Handling

Buffer: 10 mM NaH₂PO₄, 150 mM NaCl, 0.09 % Sodium azide, 0.1 % gelatin, pH 7.2

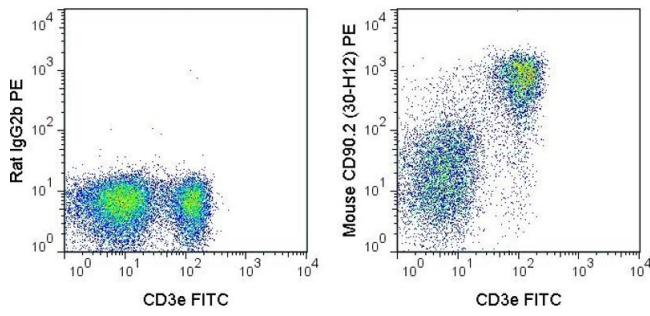
Preservative: Sodium azide

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

Storage: 4 °C

Storage Comment: 2-8°C protected from light

Expiry Date: 12 months



Flow Cytometry

Image 1. C57Bl/6 splenocytes were stained with FITC Anti-Mouse CD3e (ABIN6961812) and 0.25 µg violetFluor450 Anti-Mouse CD90.2 (ABIN6961812) (right panel) or 0.25 µg violetFluor450 Rat IgG2b isotype control (left panel).