

Product datasheet

Anti-CD90 / Thy1 antibody [30-H12] (PE/Cy5®) ab25544

1 Image

Overview

Product name	Anti-CD90 / Thy1 antibody [30-H12] (PE/Cy5®)
Description	Rat monoclonal [30-H12] to CD90 / Thy1 (PE/Cy5®)
Host species	Rat
Conjugation	PE/Cy5®. Ex: 496nm, Em: 670nm
Specificity	Mouse CD90.2 (Thy-1.2 alloantigen); Mr 25-30 kDa This antibody does not cross react with strains bearing the Thy 1.1 alloantigen (e.g., AKR/J, PL).
Tested applications	Suitable for: Flow Cyt, IHC-Fr
Species reactivity	Reacts with: Mouse
Immunogen	Tissue, cells or virus corresponding to Thy1.2. Immunogen is Mouse thymus or spleen.
General notes	This product or portions thereof is manufactured under license from Carnegie Mellon University under U.S. Patent Number 5,268,486 and related patents. Cy and CyDye are trademarks of GE Healthcare Limited.

This antibody has been shown to be useful in 'in vivo' and 'in vitro' studies of T cell depletion.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: 16% Sucrose, 0.20% Gelatin, PBS and stabilizing agent.
Purity	IgG fraction
Primary antibody notes	This antibody has been shown to be useful in 'in vivo' and 'in vitro' studies of T cell depletion.
Clonality	Monoclonal
Clone number	30-H12
Isotype	IgG2b
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab25544** in the following tested applications.

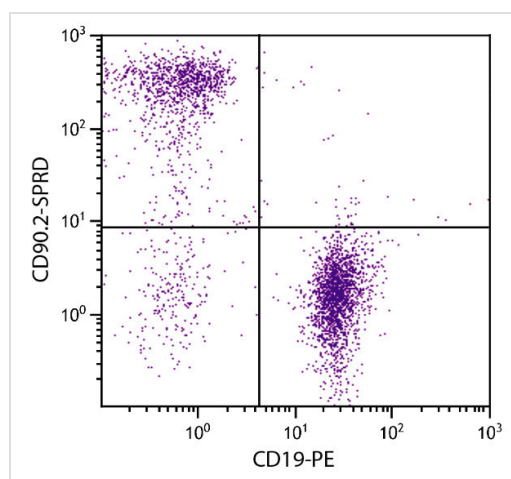
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 0.2µg for 10 ⁶ cells.
IHC-Fr		Use at an assay dependent dilution.

Target

Function	May play a role in cell-cell or cell-ligand interactions during synaptogenesis and other events in the brain.
Sequence similarities	Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Cellular localization	Cell membrane.

Images



Flow cytometry analysis of BALB/c mouse splenocytes stained with Anti-CD45R antibody [RA3-6B2] (PE/Cy7) ab25544 (0.1 µg/10⁶cells) and Rat Anti-Mouse CD19-PE.

Flow Cytometry - Anti-CD90 / Thy1 antibody [30-H12] (PE/Cy5®) (ab25544)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors