

Product datasheet

PE/Cy5® Anti-CD90 / Thy1 antibody [G7] ab25272

[8 References](#) [1 Image](#)

Overview

| | |
|----------------------------|---|
| Product name | PE/Cy5® Anti-CD90 / Thy1 antibody [G7] |
| Description | PE/Cy5® Rat monoclonal [G7] to CD90 / Thy1 |
| Host species | Rat |
| Conjugation | PE/Cy5®. Ex: 496nm, Em: 670nm |
| Specificity | ab25272 is specific for Thy-1.1 and Thy-1.2 alloantigens (Thy-1 epitope region A). |
| Tested applications | Suitable for: Flow Cyt |
| Species reactivity | Reacts with: Mouse |
| Immunogen | Tissue, cells or virus corresponding to CD90/ Thy1. Mouse T cell hybridoma C6/G8 |
| General notes | <p>ab25272 stimulates T-cell proliferation and IL-2 secretion, via signalling through the T-cell receptor/CD3 complex. ab25272 has also been reported to promote apoptosis of thymocytes and CTL clones, and to mediate adhesion of thymocytes to thymic stroma.</p> <p>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 Cytiva.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C. Store In the Dark. |
| Storage buffer | pH: 7.1 Preservative: 0.09% Sodium azide Constituents: PBS, 0.2% Gelatin, 16% Sucrose Stabilising agent. |

| | |
|-------------------------------|---|
| Purity | Affinity purified |
| Primary antibody notes | ab25272 stimulates T-cell proliferation and IL-2 secretion, via signalling through the T-cell receptor/CD3 complex. ab25272 has also been reported to promote apoptosis of thymocytes and CTL clones, and to mediate adhesion of thymocytes to thymic stroma. |
| Clonality | Monoclonal |
| Clone number | G7 |
| Isotype | IgG2c |
| Light chain type | kappa |

Applications

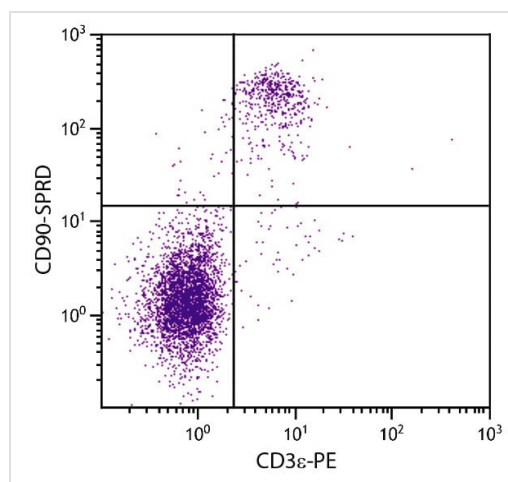
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab25272 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|--------------------------------------|
| Flow Cyt | | Use 0.2µg for 10 ⁶ cells. |

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 C57BL/6 mouse splenocytes stained with Anti-CD90 / Thy1 antibody [G7] (PE/Cy5) ab25272 (1 µg/10⁶cells) and Rat Anti-Mouse CD3-epsilon-PE.

Flow Cytometry - PE/Cy5® Anti-CD90 / Thy1 antibody [G7] (ab25272)

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