

PerCP/Cy5.5® Anti-Thy1.2 antibody [30-H12] ab218775

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

Overview

| | |
|----------------------------|--|
| Product name | PerCP/Cy5.5® Anti-Thy1.2 antibody [30-H12] |
| Description | PerCP/Cy5.5® Rat monoclonal [30-H12] to Thy1.2 |
| Host species | Rat |
| Conjugation | PerCP/Cy5.5®. Ex: 482nm, Em: 690nm |
| Tested applications | Suitable for: Flow Cyt |
| Species reactivity | Reacts with: Mouse |
| Immunogen | The details of the immunogen for this antibody are not available. |
| Positive control | Flow Cyt: C57BL/6 splenocytes. |
| General notes | <p>Thy1.2 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). ab218775 does not react with the CD90.1 allele expressed in mouse strains such as PL and AKR.</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. Do Not Freeze. Store In the Dark. |
| Storage buffer | <p>pH: 7.20</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: 0.12% Monobasic dihydrogen sodium phosphate, 0.87% Sodium chloride, 0.1% Gelatin</p> |

| | |
|---------------------------|--|
| Purity | Protein A purified |
| Purification notes | ab218775 was purified from tissue culture supernatant via affinity chromatography. The purified antibody was conjugated under optimal conditions, with unreacted dye removed from the preparation. |
| Clonality | Monoclonal |
| Clone number | 30-H12 |
| Isotype | IgG2b |

Applications

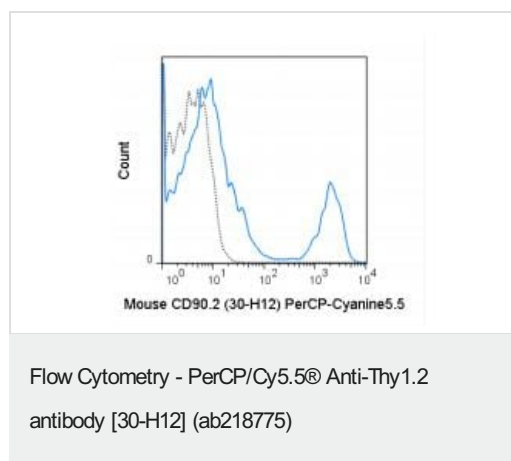
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab218775 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-----------------|-----------|--|
| Flow Cyt | | Use at an assay dependent concentration. Use 0.25µg per reaction. |

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 splenocytes labeling Thy1.2 with ab218775 at 0.25 µg (solid line) or 0.25 µg PerCP-Cy5.5® Rat IgG2b isotype control (dashed line).

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