

Product datasheet

Anti-CD90 / Thy1 antibody [IBL-6/23] ab3105

★★★★★ [3 Abreviews](#) [33 References](#) [2 Images](#)

Overview

Product name	Anti-CD90 / Thy1 antibody [IBL-6/23]
Description	Rat monoclonal [IBL-6/23] to CD90 / Thy1
Host species	Rat
Tested applications	Suitable for: IHC-P, Flow Cyt, IHC-FoFr
Species reactivity	Reacts with: Mouse
Immunogen	Full length protein corresponding to CD90/ Thy1. Database link: P01831
Positive control	Flow Cyt: mouse peripheral lymph node IHC-P: mouse spleen tissue
General notes	<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 short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.09% Sodium azide Constituent: 1% BSA
Purity	Protein G purified
Clonality	Monoclonal
Clone number	IBL-6/23
Myeloma	Sp2/0-Ag14
Isotype	IgG1
Light chain type	kappa

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab3105 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
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
Flow Cyt	★★★★★ (1)	Use a concentration of 5 µg/ml.
IHC-FoFr		Use at an assay dependent concentration.

Target

Function

May play a role in cell-cell or cell-ligand interactions during synaptogenesis and other events in the brain.

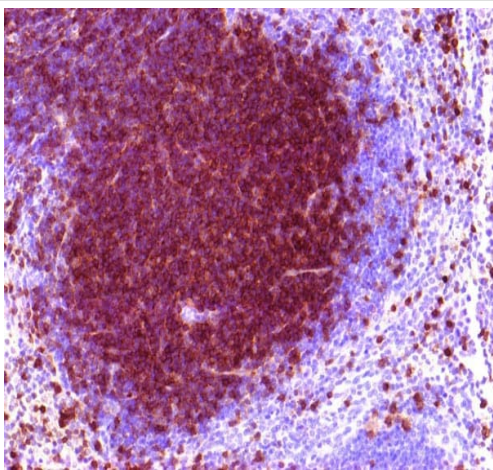
Sequence similarities

Contains 1 Ig-like V-type (immunoglobulin-like) domain.

Cellular localization

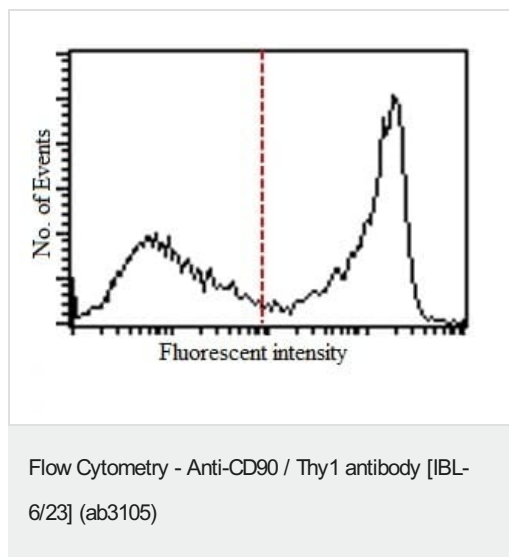
Cell membrane.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse spleen tissue labelling CD90 / Thy1 with ab3105 at 1/100. Antigen retrieval was heat-mediated with citrate buffer pH 6.0.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD90 / Thy1 antibody
[IBL-6/23] (ab3105)



Flow cytometry analysis of mouse peripheral lymph node labeling CD90 / Thy1 with ab3105 at 5 ug/mL.

PE-conjugated anti-rat IgG.

Red line: isotype control labeling with <3% positive events.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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