

# Datasheet



Mouse mAb to **Mouse CD90  
/Thy-1**  
Clone **IBL-1**  
Isotype **Rat IgG2b**

## Source

A Wistar rat was immunized with EL-4 mouse T cell lymphoma cells.  
Fusion partner: Sp2/0-Ag14.

## Specifications

IBL-1 is directed against mouse CD-90 or Thy-1. The Thy-1 antigen is a well characterized cell surface glycoprotein with a broad tissue distribution predominantly expressed in mouse brain, on thymocytes, peripheral T lymphocytes and some intraepithelial T lymphocytes. It is likely to play a role in the development and function of the nervous system.

## Species reactivity

Positive: mouse.  
Negative: human.

## Applications

Demonstration of CD90 in mouse.

Flow cytometry	Immunofluorescence	Frozen sections	Immunoprecipitation	Paraffin sections
+	+	+	+	-

## Format

Produced in tissue culture, contains no host Ig. Antibodies are affinity purified and presented in PBS with 0,02 % sodium azide.

Stored at 4°C- 8°C, shelf life is at least 24 months after purchase.

## Dilution advice

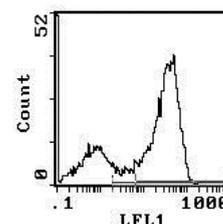
- Flow cytometry (0,5-1,0 µg/million cells in 0,1 ml).
- Immunofluorescence (0,5-1,0 µg/ml).
- Immunohistology (1-2 µg/ml for 30-60 minutes at RT; for staining of formalin-fixed tissues no suitable antigen retrieval method is known to date).
- Immunoprecipitation (1-2 µg per 100-500 µg cell lysate protein/1 ml of anti-rat coated Sepharose-4B suspension).

## Positive control

Mouse brain.

## References

- Balogh, P, et al, *J. Immunol. Methods* **153**: 141 (1992).



**Figure 1:** Mouse thymic cells stained with IBL-1 (FACS).