

Datasheet



Mouse mAb to **Mouse CD90
/Thy-1**
Clone **IBL-6/23**
Isotype **Rat IgG-κ**

Source

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

Specifications

IBL-6/23 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.

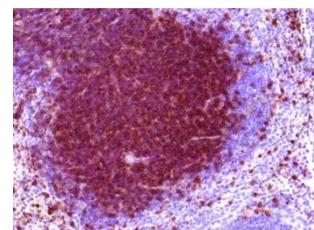


Figure 1: Mouse spleen stained with IBL-6/23 (paraffin).

Species reactivity

Positive: mouse.
Negative: human.

Applications

Demonstration of CD90 in mouse.

Flow cytometry	Frozen sections	Immunofluorescence	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 min at RT; staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes).
- Immunoprecipitation (1-2 µg per 100-500 µg cell lysate protein/1 ml of anti-mouse coated Sepharose-4B suspension).

Positive control

Mouse brain.

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References

- Balogh, P, et al, *J. Immunol. Methods* **153**: 141 (1992).
- Feng, W, et al, *Asian-Australas J Anim Sci.* **29(10)**: 1407-15 (2016).
- Adams AE et al, *Biochim Biophys Acta* **1777**: 772-6 (2008).