

IL-10 (Ms) ABfinity™ Recombinant Rabbit Monoclonal Antibody – Purified

Publication Part no. MAN0005599

Rev. 1.0

Catalog Number: 701122

Store at 2 to 8°C (short-term), or -20°C (long-term)

Clonality: Monoclonal
Concentration: 0.5 mg/mL
Quantity: 100 µg
Volume: 200 µL

Host/Class: Rabbit IgG
Reactivity: Mouse IL-10
Predicted Reactivity: Mouse

Product Description

IL-10 (Interleukin 10) is an anti-inflammatory cytokine produced by activated macrophages and by helper T cells. It inhibits the synthesis of a number of cytokines, including IFN-gamma, IL-2, IL-3, TNF and GM-CSF. This antibody was raised against mouse IL-10. In mouse the gene, it is located on chromosome 1.

Product Specifications

Immunogen: Recombinant protein corresponding to amino acids 19–178 of mouse interleukin 10
Alternate Names: CSIF
Apparent MW: ~21 kDa
Gene ID: 16153
Protein Accession No.: P18893
Sequence Identity: Mouse
Clone/PAD: 1H1L7
Lot: See product label

Product Applications

Application	Species	Test Material	Concentration
Western blotting	Mouse	Active recombinant protein	1–3 µg/mL
Indirect ELISA	Mouse	Recombinant protein	0.5 x 10 ⁻³ to 10 µg/mL

Storage and Handling

Store the antibody at 2 to 8°C for up to 1 month, or -20°C for long storage. Avoid repeated freezing and thawing.

Stability

Expires one year from date of receipt when stored as instructed.

Storage Buffer

Phosphate buffered saline (PBS) with 0.09% sodium azide.

Note: Sodium azide is an extremely toxic and dangerous compound particularly when combined with acids or metals. Properly dispose of solutions containing sodium azide.

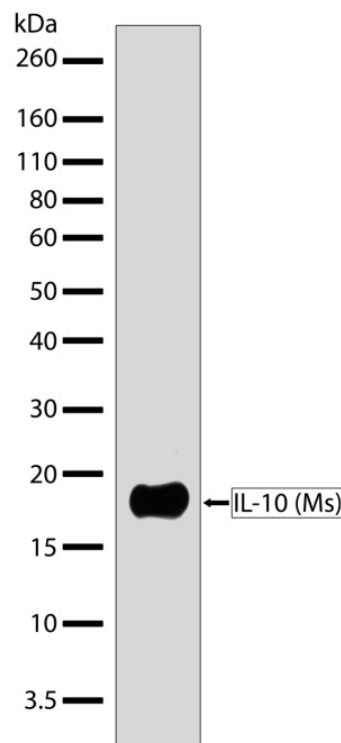


Figure 1 Western blot analysis of IL-10 (Ms) ABfinity™ Recombinant Rabbit Monoclonal Antibody (Cat. no. 701122). Western blot analysis was performed on active recombinant mouse IL-10 protein. A band corresponding to recombinant mouse IL-10 protein at ~18 kDa was detected using IL-10 (Ms) ABfinity™ Recombinant Rabbit Monoclonal Antibody at a concentration of 2 µg/mL. The blot was developed using chemiluminescence (ECL) method.

For research use only. Not for human or animal therapeutic or diagnostic use.

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Safety Data Sheets (SDS)

Safety Data Sheets (SDSs) are available at www.invitrogen.com/sds.

Certificate of Analysis

The Certificate of Analysis provides detailed quality control and product qualification information for each product. Certificates of Analysis are available on our website. Go to www.invitrogen.com/support and search for the Certificate of Analysis by product lot number, which is printed on the box.

Related Products

Product Name	Quantity	Catalog No.
iBlot® Dry Blotting System	1 unit	IB1001
WesternBreeze™ Chromogenic Kit Anti-Rabbit	1 kit	WB7105
WesternBreeze™ Chemiluminescent Kit, Anti-Rabbit	1 kit	WB7106
Goat anti-mouse (H+L), HRP conj.	1 mg	G21040
Goat anti-rabbit (H+L), HRP conj.	1 mg	G21234
Goat anti-mouse (H+L), AP conj.	1 mg	G21060
Goat anti-rabbit (H+L), AP conj.	1 mg	G21079
Nitrocellulose, 0.2 µm	20/pack	LC2000

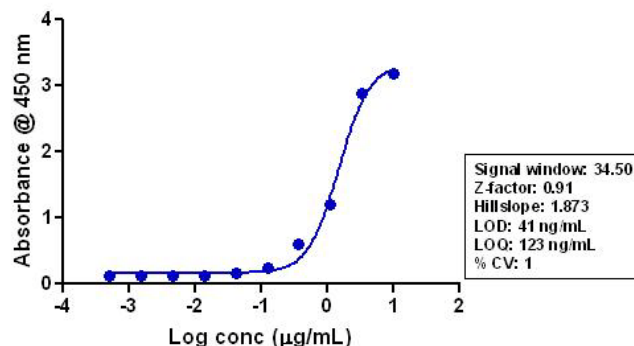


Figure 2 Indirect ELISA of IL-10 (Ms) ABfinity™ Recombinant Rabbit Monoclonal Antibody (Cat. no. 701122). Indirect ELISA was performed using various dilutions of IL-10 (Ms) ABfinity™ Recombinant Rabbit Monoclonal Antibody (Cat. no. 701122) to detect recombinant mouse IL-10 protein coated onto the plate. A non-linear regression analysis was performed (4 PL) and LOD and LOQ for the antibody was determined.

Explanation of symbols

Symbol	Description	Symbol	Description
	Catalogue Number		Batch code
	Research Use Only		In vitro diagnostic medical device
	Use by		Temperature limitation
	Manufacturer		European Community authorised representative
	Without, does not contain		With, contains
	Protect from light		Consult accompanying documents
	Directs the user to consult instructions for use (IFU), accompanying the product.		

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