

# ABfinity™ IP-10 (Ms) Recombinant Rabbit Oligoclonal Antibody

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

Catalog Number 710399

Pub. No. MAN0007537 Rev. 1.00

<b>Clonality:</b> Oligoclonal	<b>Quantity:</b> 100 µg	<b>Volume:</b> 200 µL	<b>Concentration:</b> 0.5 mg/mL
<b>Host/Class:</b> Rabbit IgG	<b>Reactivity:</b> Mouse IP-10	<b>Predicted Reactivity:</b> Mouse	

## Product Description

Interferon-inducible protein-10 (IP-10) is an IFN gamma-induced protein belonging to the CXC family. It is a proinflammatory chemoattractant which plays a role in host defense and inflammation. IP-10 is constitutively expressed at low levels in lymph organs. Expression is induced by IFN gamma and IL-12 to a lesser degree. It attracts activated T lymphocytes by binding to CXCR3 which is upregulated upon activation.

## Product Specifications

<b>Immunogen:</b>	Folded protein domain corresponding to amino acids of Mouse IP-10
<b>Apparent MW:</b>	~8.9 kDa
<b>Gene ID:</b>	15945
<b>Protein Accession No.:</b>	P17515
<b>Sequence Identity:</b>	Mouse
<b>Isotype:</b>	IgG <sub>1</sub>
<b>Lot:</b>	See product label

## Product Applications

Application	Species	Test Material	Concentration
Western blotting	Mouse	Recombinant protein	1–2 µg/mL
Indirect ELISA	Mouse	Recombinant protein	1 µg/mL

## Storage and handling

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

## Stability

When stored as instructed, expires one year from date of receipt unless otherwise indicated on product label.

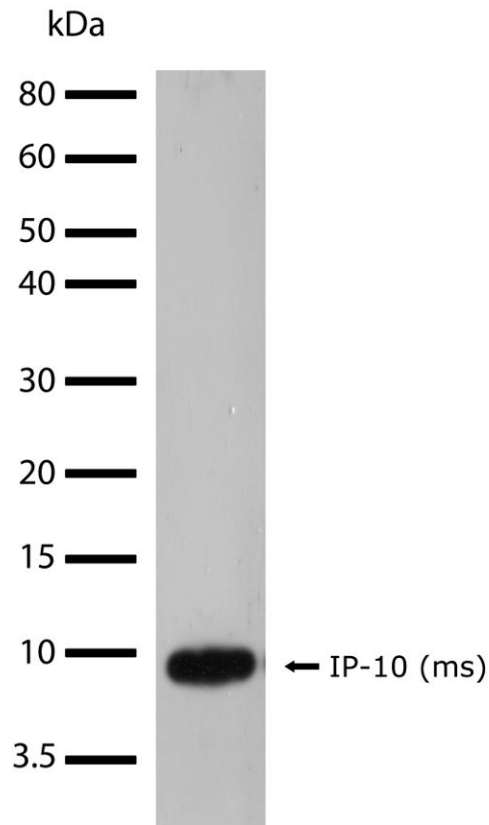


Figure 1 Western blot analysis of ABfinity™ IP-10 (Ms) Recombinant Rabbit Oligoclonal Antibody (Cat. no. 710399).

Western blot analysis was performed on mouse IP-10 recombinant protein. Endogenous level of IP-10 was detected at ~8.9 kDa using ABfinity™ IP-10 (Ms) Recombinant Rabbit Oligoclonal Antibody at a concentration of 1 µg/mL. The blot was developed using enhanced chemiluminescence (ECL) method.

## Storage Buffer

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



**CAUTION!** Sodium azide is extremely toxic and may react with lead and copper plumbing to form highly explosive metal azides. Properly dispose of solutions containing sodium azide. Read the Safety Data Sheet (SDS) and follow the handling instructions. Wear appropriate protective eyewear, clothing and gloves. SDSs are available at [www.lifetechnologies.com/support](http://www.lifetechnologies.com/support).

## Related Products

Product Name	Quantity	Catalog No.
iBlot <sup>®</sup> Dry Blotting System	1 unit	IB1001
WesternBreeze <sup>®</sup> Chromogenic Kit Anti-Rabbit	1 kit	WB7105
WesternBreeze <sup>®</sup> 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

## Limited product warranty

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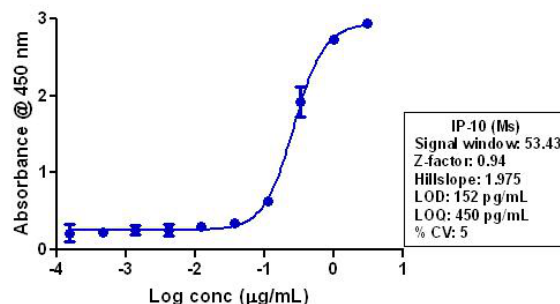


Figure 2 Indirect ELISA of ABfinity™ IP-10 (Ms) Recombinant Rabbit Oligoclonal Antibody (Cat. no. 710399).

Indirect ELISA was performed using various dilutions of ABfinity™ IP-10 (Ms) Recombinant Rabbit Oligoclonal Antibody to detect IP-10 recombinant protein coated onto the plate. A non-linear regression analysis was performed (4 PL), LOD, and LOQ for the antibody was determined.

## Explanation of Symbols

Symbol	Description	Symbol	Description	Symbol	Description
	Manufacturer		Catalog number		Batch code
	Use by		Temperature limitation		
	Consult instructions for use		Caution, consult accompanying documents		

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