

## Datasheet: MCA6334B

<b>Description:</b>	MOUSE ANTI HUMAN INTERLEUKIN-6:Biotin
<b>Specificity:</b>	IL-6
<b>Format:</b>	Biotin
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	J06-1E12
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	0.1 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			1.0 ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG conjugated to Biotin - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ) 1% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 0.1 mg/ml
<b>Immunogen</b>	<i>E. coli</i> derived recombinant human full length interleukin-6 (Val30-Met212)
<b>External Database Links</b>	<b>UniProt:</b>

[P05231](#)   [Related reagents](#)

**Entrez Gene:**

[3569](#)   IL6   [Related reagents](#)

---

<b>Synonyms</b>	IFNB2
-----------------	-------

---

<b>Fusion Partners</b>	Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0
------------------------	---

---

<b>Specificity</b>	<p><b>Mouse anti Human interleukin-6 antibody, clone J06-1E12</b> recognizes human interleukin 6, also known as B-cell stimulatory factor 2, CTL differentiation factor, Hybridoma growth factor or Interferon beta-2. Interleukin-6 is a 183 amino acid ~24 kDa cytokine with a wide range of biological activities. Interleukin-6 is a potent inducer of the acute phase response, acts as a lymphoid cell growth factor acting on B cells, T cells and hybridoma cells.</p> <p>Variations in the interleukin-6 gene modulates susceptibility to onset of juvenile systemic rheumatoid arthritis (<a href="#">RASJ</a>) an inflammatory disorder with early onset and featuring lymphadenopathy, hepatosplenomegaly, serositis, myalgia and arthritis (<a href="#">Fishman et al. 1998</a>).</p> <p>The biotinylated Mouse anti Human interleukin-6 antibody, clone J06-1E12 (MCA6334B) can be used as a detection antibody in a sandwich ELISA with the purified Mouse anti Human interleukin-6 antibody, clone C01-1E8 (<a href="#">MCA6333GA</a>) as the capture antibody.</p>
--------------------	---

---

<b>Storage</b>	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
----------------	---

---

<b>Guarantee</b>	12 months from date of despatch
------------------	---------------------------------

---

<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10041 available at: <a href="https://www.bio-rad-antibodies.com/SDS/MCA6334B">https://www.bio-rad-antibodies.com/SDS/MCA6334B</a> 10041
--------------------------------------	---

---

<b>Regulatory</b>	For research purposes only
-------------------	----------------------------

---

## Related Products

### **ELISA Matched Pair - Capture Antibody**

[MOUSE ANTI HUMAN INTERLEUKIN-6 \(MCA6333GA\)](#)

**North & South America**   Tel: +1 800 265 7376  
Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700  
Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21  
Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)  
'M390633:210924'

**Printed on 25 Mar 2023**

---

© 2023 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)