

Datasheet: MCA6334B

Description:	MOUSE ANTI HUMAN INTERLEUKIN-6:Biotin
Specificity:	IL-6
Format:	Biotin
Product Type:	Monoclonal Antibody
Clone:	J06-1E12
Isotype:	IgG1
Quantity:	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.

	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.

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

Entrez Gene:

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

Synonyms	IFNB2
Fusion Partners	Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0
Specificity	<p>Mouse anti Human interleukin-6 antibody, clone J06-1E12 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 (RASJ) an inflammatory disorder with early onset and featuring lymphadenopathy, hepatosplenomegaly, serositis, myalgia and arthritis (Fishman et al. 1998).</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 (MCA6333GA) as the capture antibody.</p>
Storage	<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>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10041 available at: https://www.bio-rad-antibodies.com/SDS/MCA6334B 10041
Regulatory	For research purposes only

Related Products

ELISA Matched Pair - Capture Antibody

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

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

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