

## Product Datasheet

# Human IL-6 Mouse Monoclonal Antibody (orb499747)

<b>Description</b>	Human IL-6 Mouse Monoclonal Antibody
<b>Species/Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	IF, IHC-Fr, IHC-P, WB
<b>Immunogen</b>	Recombinant human IL-6 protein (30-212/212aa (C-6x His-Tag)aa)
<b>Target</b>	IL6
<b>Preservatives</b>	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Clone Number</b>	1C4
<b>Antibody Type</b>	Primary Antibody
<b>MW</b>	23 kDa

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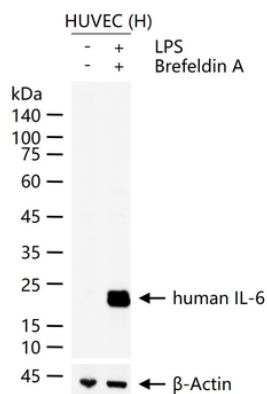
7 Signet Court, Swann's Road,  
Cambridge, CB5 8LA, United Kingdom  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

**Biorbyt LLC.**

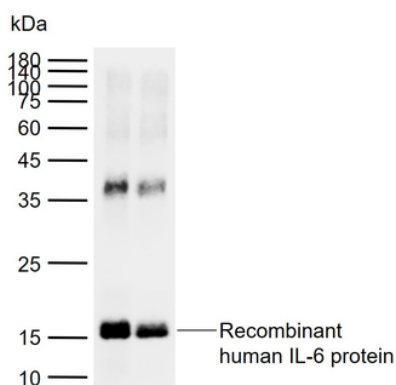
68 TW Alexander Drive,  
Durham, NC, 27713, United States  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

**Dilution Range** WB=1:1000-10000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500

**Expiration Date** 12 months from date of receipt.



HUVEC (H) cells were treated with or without LPS (0.5  $\mu$ g/ml, 24h) and Brefeldin A (300 ng/ml, 20h), 25  $\mu$ g total protein per lane of cell lysates probed with human IL-6 monoclonal antibody, unconjugated (orb499747) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Sample: Lane 1: Recombinant human IL-6 protein, C-His, Lane 2: Recombinant human IL-6 protein, C-His, Primary: Anti-human IL-6 (orb499747) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution, Predicted band size: 23 kDa, Observed band size: 15 kDa.

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7 Signet Court, Swann's Road,  
Cambridge, CB5 8LA, United Kingdom  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

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68 TW Alexander Drive,  
Durham, NC, 27713, United States  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)