### Product Details

**RRID**  AB_323581

**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).

<table>
<thead>
<tr>
<th>Technique</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
<tr>
<td>Flow Cytometry</td>
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<tr>
<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<tr>
<td>ELISA</td>
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<td></td>
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<td>0.5 - 2.0ug/ml</td>
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<td>Immunoprecipitation</td>
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<tr>
<td>Western Blotting</td>
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<td>0.1 - 0.2ug/ml</td>
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<tr>
<td>Functional Assays</td>
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<td>5.0 - 8.0ng/ml</td>
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Where this antibody 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 antibody for use in their own system using the appropriate negative/positive controls.

**Target Species**  Mouse

**Product Form**  Purified IgG - lyophilised

**Reconstitution**  Reconstitute with 0.1ml distilled water

Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution. For long term storage the addition of 0.09% sodium azide is recommended.

N.B. For functional studies do not add sodium azide

**Antiserum Preparation**  Antisera to murine interleukin 6 were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared by antigen affinity chromatography.

**Buffer Solution**  Phosphate buffered saline

**Preservative Stabilisers**  None present
Approx. Protein Concentrations
IgG concentration 1.0mg/ml

Immunogen
Recombinant murine IL-6.

External Database Links
UniProt:
- P08505

Entrez Gene:
- 16193 Il6

Synonyms
Il-6

Specificity
Rabbit anti Mouse Interleukin-6 antibody recognizes mouse Interleukin-6 (IL-6). Rabbit anti Mouse Interleukin-6 antibody neutralizes murine IL-6 activity with an ND50 for mIL-6 (3 pg/ml) between 0.24 and 0.36μg ml⁻¹.

Western Blotting
This purified mouse IL-6 antibody may be used in Western Blotting applications under either reducing or non-reducing conditions.

Storage
Prior to reconstitution store at -20°C. Following reconstitution store at -20°C.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee
Guaranteed for 3 months from the date of reconstitution or until the date of expiry, whichever comes first. Please see label for expiry date.

Health And Safety Information
Material Safety Datasheet documentation #10162 available at:

Regulatory
For research purposes only

Related Products

Recommended Secondary Antibodies
Sheep Anti Rabbit IgG (STAR34...) FITC
Goat Anti Rabbit IgG (H/L) (STAR124...) HRP
Goat Anti Rabbit IgG (Fc) (STAR121...) Biolin, FITC, HRP
Sheep Anti Rabbit IgG (STAR35...) RPE
Sheep Anti Rabbit IgG (2AB02...) Biolin
Sheep Anti Rabbit IgG (STAR36...) DyLight®488, DyLight®680, DyLight®800

Recommended Useful Reagents
TidyBlot WESTERN BLOT DETECTION REAGENT:HRP (STAR209P)