

Anti-Human IL-6 Antibody
Catalog # ABG10300**Specification**

Anti-Human IL-6 Antibody - Product Information

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|-------------|-------------------|
| Application | WB, IHC, E |
| Reactivity | Human |
| Host | Mouse |
| Clonality | Monoclonal |

Anti-Human IL-6 Antibody - Additional Information**Preparation**

Produced in BALB/c mice using highly pure (>98%) recombinant human IL-6 as the immunizing antigen. This IgG1_K antibody was purified from cell culture by Protein A affinity chromatography.

WesternBlot

To detect hIL-6 by Western Blot analysis this antibody can be used at a concentration of 0.20-0.40 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hIL-6 is 0.5-1.0 ng/lane, under reducing or non-reducing conditions.

Sandwich

In a sandwich ELISA (assuming 100µl/well), a concentration of 4.0-8.0 µg/ml of this antibody will detect at least 500 pg/ml of recombinant human IL-6 when used with BioGems's biotinylated antigen affinity purified anti-human IL-6 (60-006BT) as the detection antibody at a concentration of approximately 0.5-1.0 µg/ml.

Immunohistochemistry

This antibody stained formalin-fixed, paraffin-embedded sections of human cervical squamous cell carcinoma. The recommended concentration is 0.125 µg/ml with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 6.0 sodium citrate buffer is recommended. Optimal concentrations and conditions may vary. Tissue samples were provided by the Cooperative Human Tissue Network, which is funded by the National Cancer Institute.

 *Additional Immunostaining data available. Please contact Tech Support for information.

Formulation

A sterile filtered antibody solution was lyophilized from PBS.

Reconstitution

Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

Storage

-20°C

Precautions

Anti-Human IL-6 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Human IL-6 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Human IL-6 Antibody - Images