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Anti-Human IL-6 Antibody

Catalog # ABG10300

Product Information

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

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.