10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-Human IL-6 Antibody

Catalog # ABG10291

Product Information

Application	WB, IHC, E
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

Additional Information

Preparation

Produced from sera of rabbits pre-immunized with highly pure recombinant Human IL-6. Anti-Human IL-6 specific antibody was purified by affinity chromatography employing immobilized Human IL-6 matrix.

WesternBlot

To detect Human IL-6 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 □g/ml. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Human IL-6 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

Sandwich

To detect Human IL-6 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems' Biotinylated Anti-Human IL-6 (60-006BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Human IL-6.

Immunohistochemistry

This antibody stained formalin-fixed, paraffin-embedded sections of human cervical squamous cell carcinoma. The recommended concentrations are 0.25 µg/ml-0.5 µg/ml with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen. The recommended antigen retrieval is heat induced antigen retrieval with a pH 6.0 Sodium Citrate buffer. Optimal concentrations and conditions may vary.

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

Neutralization

To yield one-half maximal inhibition [ND_{50}] of the biological activity of Human IL-6 (1.0 ng/ml), a concentration of 0.20 - 0.40 □g/ml of this antibody is required.

Formulation

A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.

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'.