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Biotinylated Anti-Human IL-4 Antibody

Catalog # ABG10282

Specification

Biotinylated Anti-Human IL-4 Antibody - Product Information

Application	**WB, E**
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**

Biotinylated Anti-Human IL-4 Antibody - Additional Information

Preparation
Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hIL-4. Anti-Human IL-4 specific antibody was purified by affinity chromatography and then biotinylated.

WesternBlot
To detect hIL-4 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hIL-4 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

Sandwich
To detect hIL-4 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.25 – 1.0 µg/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with BioGems' Polyclonal Anti-Human IL-4 (60-004P) as a capture antibody, allows the detection of at least 0.2 – 0.4 ng/well of recombinant hIL-4.

Direct
To detect hIL-4 by direct ELISA (using 100 µl/well antibody solution) a concentration of 0.25 – 1.0 µg/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 – 0.4 ng/well of recombinant hIL-4.

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

Reconstitution
Centrifuge vial prior to opening.
Reconstitute in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.

Storage
-20°C

Precautions
Biotinylated Anti-Human IL-4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Biotinylated Anti-Human IL-4 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 Cytomety
- Cell Culture