

Anti-Human IL-12 Antibody

Catalog # ABG10204

Specification

Anti-Human IL-12 Antibody - Product Information

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

Anti-Human IL-12 Antibody - Additional Information

Preparation

Produced in BALB/c x ICR F₁ mice using highly pure (>98%) recombinant human IL-12 as the immunizing antigen. This IgG1_K antibody was purified from ascites fluid by Protein A affinity chromatography.

WesternBlot

To detect hIL-12 by Western Blot analysis this antibody can be used at a concentration of $0.50-1.0 \, \mu g/ml$. Used in conjunction with compatible secondary reagents the detection limit for recombinant hIL-12 is $0.5-1.0 \, ng/lane$, under non-reducing conditions.

Sandwich

In a sandwich ELISA (assuming 100μ I/well), a concentration of 2.0-4.0 µg/ml of this antibody will detect at least 1000 pg/ml of recombinant human IL-12 when used with BioGems' biotinylated antigen affinity purified anti-human IL-12 (60-012BT) as the detection antibody at a concentration of approximately 4.0-8.0 µg/ml.

Immunohistochemistry

This antibody stained PBMC. The primary antibody was incubated at $10.0 \, \mu g/ml$ for one hour at room temperature followed by a fluorescent labeled secondary antibody. Optimal concentrations and conditions may vary.

 Protocol and staining provided by Dr. Lauren Binge, Laboratory of Prof. Charles Mackay, Monash Univeristy, Australia. class="MsoNormal">

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.

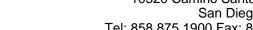
Storage

-20°C

Precautions

Anti-Human IL-12 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.







Anti-Human IL-12 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-Human IL-12 Antibody - Images