

Anti-Human HCC-1 Antibody

Catalog # ABG10153

Specification

Anti-Human HCC-1 Antibody - Product Information

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

Anti-Human HCC-1 Antibody - Additional Information

Preparation

Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hHCC-1. Anti-Human HCC-1 specific antibody was purified by affinity chromatography employing immobilized hHCC-1 matrix.

WesternBlot

To detect hHCC-1 by Western Blot analysis this antibody can be used at a concentration of $0.1-0.2 \, \mu g/ml$. Used in conjunction with compatible secondary reagents the detection limit for recombinant hHCC-1 is $1.5-3.0 \, ng/lane$, under either reducing or non-reducing conditions.

Sandwich

To detect hHCC-1 by sandwich ELISA (using 100 μ l/well antibody solution) a concentration of 0.5 - 2.0 μ g/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems' Biotinylated Anti-Human HCC-1 (60-174BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hHCC-1.

Immunohistochemistry

This antibody stained formalin-fixed, paraffin-embedded sections of human colon/rectum adenocarcinoma. The recommended concentration is 1.5 mg/ml with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen. Proteinase K antigen retrieval is recommended. Optimal concentrations and conditions may vary.

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.

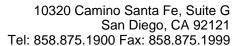
Storage

-20°C

Precautions

Anti-Human HCC-1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Human HCC-1 Antibody - Protocols





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

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

Anti-Human HCC-1 Antibody - Images