

## **Anti-Human LIGHT Antibody**

Catalog # ABG10346

## **Specification**

## **Anti-Human LIGHT Antibody - Product Information**

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

#### **Anti-Human LIGHT Antibody - Additional Information**

#### **Preparation**

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

#### WesternBlot

To detect hLIGHT 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 hLIGHT is 1.5 - 3.0~ng/lane, under either reducing or non-reducing conditions.

#### Sandwich

To detect hLIGHT by sandwich ELISA (using 100  $\mu$ l/well antibody solution) a concentration of 0.5 - 2.0  $\mu$ g/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems' Biotinylated Anti-Human LIGHT (60-206BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hLIGHT.

#### **Immunohistochemistry**

This antibody stained formalin-fixed, paraffin-embedded sections of human normal placenta. The recommended concentration is 2.5  $\mu$ g/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 8.0 buffer is recommended. Optimal concentrations and conditions may vary. <br/>
<span style="font-size: 10px;"><em>Tissue samples were provided by the Cooperative Human Tissue Network, which is funded by the National Cancer Institute. <br/>
<br/>
| Network | National Cancer | Nation

#### **Formulation**

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

#### Reconstitution

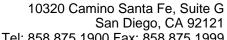
Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

# Storage

-20°C

## **Precautions**

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





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## **Anti-Human LIGHT 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 LIGHT Antibody - Images**