

**Anti-Human LIGHT Antibody**  
**Catalog # ABG10346****Specification**

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**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 µg/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 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's 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 µg/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.   
Tissue samples were provided by the Cooperative Human Tissue Network, which is funded by the National Cancer Institute. Information and photo are courtesy of Flagship Biosciences, LLC - Histology Services.

**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.

**Anti-Human LIGHT 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 Cytometry](#)
- [Cell Culture](#)

**Anti-Human LIGHT Antibody - Images**