



# Goat Anti-Mouse IgG (H&L) - AF555

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| <b>Product Code</b>        | CSB-PA288765   |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.  |
| <b>Immunogen</b>           | IgG purified from mouse serum  |
| <b>Raised In</b>           | Goat   |
| <b>Species Reactivity</b>  | Mouse  |
| <b>Tested Applications</b> | ELISA, IH, IF, FC; Recommended dilution: ELISA:1:5000-1:10000, IH:1:100-1:1000, IF:1:100-1:1000, FC:1:100-1:4000   |
| <b>Relevance</b>           | Immunoglobulin G (IgG), is one of the most abundant proteins in human serum with normal levels between 8-17 mg/ml in adult blood. IgG is important for our defence against microorganisms and the molecules are produced by B lymphocytes as a part of our adaptive immune response. The IgG molecule has two separate functions; to bind to the pathogen that elicited the response and to recruit other cells and molecules to destroy the antigen. The variability of the IgG pool is generated by somatic recombination and the number of specificities in an individual at a given time point is estimated to be 10 <sup>11</sup> variants. |
| <b>Form</b>                | Liquid   |
| <b>Conjugate</b>           | AF555  |
| <b>Storage Buffer</b>      | 150mM NaCl, 0.02% sodium azide and 50% glycerol.pH 7.4   |
| <b>Purification Method</b> | The antibody was purified from antisera by immunoaffinity chromatography using antigens coupled to agarose beads.  |
| <b>Isotype</b>             | IgG  |
| <b>Product Type</b>        | Secondary Antibody   |
| <b>Immunogen Species</b>   | Mouse  |
| <b>Research Area</b>       | Others   |
| <b>Usage</b>               | For Research Use Only. Not for use in diagnostic or therapeutic procedures.  |