



*Specializing in custom-made chicken antibodies against “difficult” antigens.*

## **PRODUCT SPECIFICATIONS**

<b>Product Description:</b>	<b>Fluorescein-Labeled Chicken anti-Human IgG (heavy and light chains) (affinity-purified)</b>
<b>Catalog Number:</b>	IHF-1010
<b>Antibody Concentration:</b>	1.0 mg / ml (based on absorbance at 280 nm)
<b>Volume:</b>	1.0 ml
<b>Analysis:</b>	Ratio of absorbance at 495/280 = 1.1 Molar F/P ratio = 5.6
<b>Physical State:</b>	Liquid
<b>Buffer:</b>	Phosphate-buffered saline (PBS) (pH 7.2), sodium azide (0.02%, w/v) (as an anti-microbial agent).
<b>Production:</b>	Chickens were immunized with purified, non-denatured human IgG (containing both heavy and light chains). Eggs were collected from hyperimmunized hens and the IgY fraction purified from the yolks. Anti-human IgG's were affinity-purified over a column conjugated with purified human IgG (containing both heavy and light chains) and then conjugated with fluorescein isothiocyanate.
<b>Quality Control:</b>	Antibodies were tested for specificity using double-immunodiffusion in agarose and for non-specific binding using cryostat sections of unfixed embryonic chick tissues.
<b>Cross-reactivity:</b>	There is no detectable cross-reactivity with goat, mouse or rabbit IgG.
<b>Recommended Storage Conditions:</b>	<b>Store at 4°C in the dark.</b> Under these conditions, the antibodies should have a shelf life of at least 12 months (provided they remain sterile). For longer storage periods, dilute the antibodies with sterile glycerol and store at -20°C. Do not freeze these antibodies unless you want to store them for longer periods of time.

**Note:** These antibodies are meant to be used as research laboratory reagents and are not for diagnostic purposes or for therapeutic usage in humans.