



Specializing in custom-made chicken antibodies against "difficult" antigens.

PRODUCT SPECIFICATIONS

Product Description:	Horseradish Peroxidase-Labeled Chicken anti-Mouse IgG (heavy and light chains) (affinity-purified)
Catalog Number:	IMH-1010
Antibody Concentration:	1.0 mg / ml (based on absorbance at 280 nm)
Volume:	1.0 ml
Physical State:	Liquid
Buffer:	HEPES (50 mM, pH 7.0), NaCl (0.1 M), bovine serum albumin (0.2%, w/v), thimerosal (0.01%, w/v) (as an anti-microbial agent).
Production:	Chickens were immunized with purified, non-denatured mouse IgG (containing both heavy and light chains). Eggs were collected from hyperimmunized hens and the IgY fraction purified from the yolks. Anti-mouse IgG's were affinity-purified over a column conjugated with purified mouse IgG (containing both heavy and light chains) and then conjugated with horseradish peroxidase.
Quality Control:	Antibodies were tested for specificity using double-immunodiffusion in agarose gels and ELISA analysis. In the latter, a 1:70,000 dilution gave an O.D. of 1.0 in a 15 minute reaction using tetramethylbenzidine as substrate.
Cross-reactivity:	There is no detectable cross-reactivity with rabbit, goat or human IgG.
Recommended Storage Conditions:	Store at 4°C in the dark. 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.