



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

PRODUCT SPECIFICATIONS

- Product Description:** **Horseradish Peroxidase-Labeled Chicken anti-C-MYC Epitope Antibody (affinity-purified)**
- Catalog Number:** ET-MY100HRP
- Antibody Concentration:** 100 µg / 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 a synthetic peptide containing the human c-myc epitope (EQKLISEEDL) conjugated to keyhole limpet hemocyanin. After repeated injections, immune eggs were collected, from which the IgY fractions were prepared. These fractions were then affinity-purified using a peptide column, coupled to HRP, and filter-sterilized (0.45 µm).
- Quality Control:** Antibodies were analyzed using ELISA and western blots using an N-terminal c-myc-tagged protein. Secondary antibodies used in these quality control assays were alkaline phosphatase- (1:1000 dilution) and HRP-labeled (1:3000 dilution) goat anti-chicken IgY antibodies (Aves Labs), respectively.
- 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.