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## Chicken anti C-MYC Epitope Tag

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[nordicmubio.com/products/chicken-anti-c-myc-epitope-tag/ACMYC](http://nordicmubio.com/products/chicken-anti-c-myc-epitope-tag/ACMYC)

Catalog number: **ACMYC**

Product Type	Primary antibodies
Units	0.1 mg
Host	Chicken
Application	ELISA Western Blotting

### Source

Chickens were immunized with EQKLISEEDL (C-MYC) conjugated to KLH. After multiple immunizations in Freund's adjuvant, eggs were collected and the immunoglobulin fraction prepared. Antibodies were immunoaffinity purified using the peptide immobilized on a solid support.

### Product

*Product Form:* Affinity purified

*Formulation:* Provided in phosphate buffered saline with 0.09% sodium azide

*Concentration:* See vial for concentration.

### Applications

ELISA: coating: 1:50 – 1:200; probing: 1:5000 - 1:20,000  
Western Blots: 1:5000 dilution.  
Flow Cytometry: 1:100 - 1:300 dilution (see embedded figures).

### Storage

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles.

### Caution

This product is intended FOR RESEARCH USE ONLY, and FOR TESTS IN VITRO, not for use in diagnostic or therapeutic procedures involving humans or animals. It may contain hazardous ingredients. Please refer to the Safety Data Sheets (SDS) for additional information and proper handling procedures. Dispose product remainders

according to local regulations. This datasheet is as accurate as reasonably achievable, but Exalpha Biologicals accepts no liability for any inaccuracies or omissions in this information.

## References

1. Mata-Fink J, Kriegsman B, Yu HX, Zhu H, Hanson MC, Irvine DJ and KD Wittrup. 2013. Rapid Conformational Epitope Mapping of Anti-gp120 Antibodies with a Designed Mutant Panel Displayed on Yeast. *J Mol Biol.* 425:444-56. 2. Van Deventer JA, Wittrup KD. 2014. Yeast surface display for antibody isolation: library construction, library screening, and affinity maturation. *Methods Mol Biol.* 1131:151-81. 3. Wang, S., Mata-Fink J., Kriegsman B, Hanson, M, Irvien DJ, Eisen HN, Burtn DR, Wittrup, KD, Kardar M, Chakraborty, AK. 2015. Manipulating the Selection Forces during Affinity Maturation to Generate Cross-Reactive HIV Antibodies. *Cell* 160(4):785-97. 4. Heimer, BW, Tam, BE and HD Sikes. 2015. Characterization and directed evolution of a methyl-binding protein for high-sensitivity DNA methylation analysis. *Protein Eng Des Sel* 28:543-551. 5. de Picciotto S, Dickson PM, Traxlmayr MW, Marques BS, Socher E, Zhao S1, Cheung S, Kiefer JD, Wand AJ, Griffith LG, Imperiali B, Wittrup KD. 2016. Design Principles for SuCESsFul Biosensors: Specific Fluorophore/Analyte Binding and Minimization of Fluorophore/Scaffold Interactions. *J Mol Biol.* 428(20):4228-4241. 6. Traxlmayr MW, Kiefer JD, Srinivas RR, Lobner E, Tisdale AW, Mehta NK, Yang NJ, Tidor B, Wittrup KD. 2016. Strong Enrichment of Aromatic Residues in Binding Sites from a Charge-neutralized Hyperthermostable Sso7d Scaffold Library. *J Biol Chem* 291 (43): 22496-22508. 7. Kauke, MJ, MW, Traxlmayr, MW, Parker, JA, Kiefer, JD, Knihtila, R, McGee, J, Verdine, G, Mattos, C and KD Wittrup. 2017. An engineered protein antagonist of K-Ras/B-Raf interaction. *Sci. Rep.* 7: 5831. 8. Angelini A, Miyabe Y, Newsted D, Kwan BH, Miyabe C, Kelly RL, Jamy MN, Luster AD, Wittrup KD. Directed evolution of broadly crossreactive chemokine-blocking antibodies efficacious in arthritis. 2018. *Nat Commun.* 13;9(1):1461. doi: 10.1038/s41467-018-03687-x 2. -Karlsson, A, Protein and peptide engineering for improving therapies for applications in Human health.

## Safety Datasheet(s) for this product:

NM Sodium Azide