Meridian Life Science, Inc.
a Meridian Bioscience Company, Inc.
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CERTIFICATE OF ANALYSIS

Catalog #B65411R

Important Note: **Centrifuge before opening to ensure complete recovery of vial contents.**

Catalog #: B65411R **Lot #:** 3I25222

Description: Rabbit anti *Candida albicans*
Rabbit Antibody to *Candida albicans*

Specificity: Recognizes numerous proteins in a soluble *C. albicans* extract (IEP). Has not been absorbed and does cross-react with other yeasts. Negative against human serum, urine and spinal fluid.

Host Animal: Rabbit

Immunogen: *Candida albicans*, type A (ATCC #32354).

Format: Purified, Liquid

Purification: > 95% pure. Protein A Chromatography

Concentration: 4–5 mg/mL (OD280nm, $E^{0.1\%} = 1.4$)

Buffer: 0.01 M Phosphate Buffered Saline, pH 7.2
Product contains no stabilizing proteins.

Preservative: 0.1% Sodium Azide

Applications: Suitable for use in ELISA, IFA, Immunohistochemistry, Double Diffusion and CIE. Also suitable for conjugation purposes. Use neat in gel-precipitin reactions. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Short-term (up to 6 months) store at 2–8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

Safety Note(s): Refer to the appropriate Safety Data Sheet for additional information.

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References:

The references listed below are for research purposes only:

1. Brand, A., et al., (2008), "An Internal Polarity Landmark is Important for Externally Induced Hyphal Behaviors in *Candida albicans"*, Eukaryotic Cell, **7**(4): 712-720.
2. Fratti, R.A., et al., (1998), "Endothelial Cell Injury Caused by Candida albicans Is Dependent on Iron", Infection and Immunity, **66**(1): 191-196.
3. Tsuchimori, N., et al., (2000), "Reduced Virulence of HWP1-Deficient Mutants of Candida albicans and Their Interactions with Host Cells", Infection and Immunity, **68**(4): 1997-2002.
4. Phan, Q.T., et al., (2005), "N-cadherin Mediates Endocytosis of Candida albicans by Endothelial Cells", The Journal of Biological Chemistry, **280**(11): 10455-10461.
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6. Martinez-Lopez, R., et al., (2006), "Candida albicans Ecm33p is Important for Normal Cell Wall Architecture and Interactions with Host Cells", Eukaryotic Cell., **5**(1): 140-147.
7. Palmer, G.E., et al., (2005), "The Candida albicans Vacuole is Required for Differentiation and Efficient Macrophage Killing", Eukaryotic Cell., **4**(10): 1677-1686.

Quality Signature: 09 Sep 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY