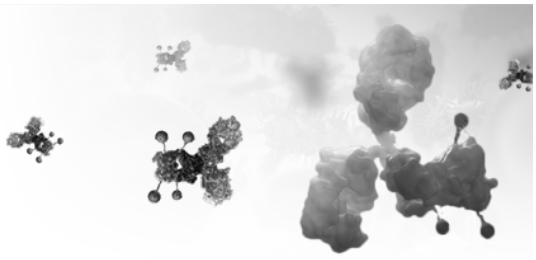

Anti-C. albicans Polyclonal antibody (DPAB0201)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Recognizes numerous proteins in a soluble C. albicans extract (IEP). Has not been absorbed and does crossreact with other yeasts. Negative against human serum, urine and spinal fluid.
Target	C. albicans
Immunogen	Candida albicans, type A (ATCC #32354)
Source/Host	Rabbit
Species Reactivity	C. albicans
Purification	IgG fraction covalently coupled with the N-Hydroxysuccinimide ester of biotin number mild conditions to give a high degree of substitution.
Conjugate	Biotin
Applications	Suitable for use with avidin and streptavidin amplification systems for immunohistochemistry, ELISA, fluorescence microscopy and double-diffusion and CIE. 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.
Concentration	4-5mg/ml (OD280nm, E0.1% = 1.4)
Size	1 ml
Buffer	0.01M PBS, pH 7.2 No stabilizing proteins have been added.
Preservative	0.1% Sodium Azide
Storage	Short-term (up to 6 months) store at 2-8 C. Long term, aliquot and store at -20°C. Avoid

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

multiple freeze/thaw cycles.

BACKGROUND

Introduction	Candida albicans is the most frequently isolated fungal pathogen of humans, affecting immunocompromised patients ranging from premature infants to AIDS sufferers. Systemic infections have an attributed mortality of 30-50%. C. albicans is a diploid organism which has eight sets of homologous chromosomes. It has a genome of approximately 16 Mb (haploid), about 30% greater than S. cerevisiae (baker's yeast).
Keywords	C albicans; C. albicans; Thrush; Fungi; Saccharomycotina; Ascomycota; Saccharomycetales; Saccharomycetaceae; Candida albicans; Candida; Candida stellatoidea; Oidium albicans

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221