



Anti-*C. albicans* Polyclonal antibody (DPAB0202)

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

PRODUCT INFORMATION

Specificity	Recognizes numerous proteins in a soluble <i>C. albicans</i> extract (IEP). Has not been absorbed and does crossreact with other yeasts. Negative against human serum, urine and spinal fluid.
Target	<i>C. albicans</i>
Immunogen	<i>Candida albicans</i> , type A (ATCC #32354)
Source/Host	Rabbit
Species Reactivity	<i>C. albicans</i>
Purification	Protein A chromatography purified IgG fraction covalently coupled with high purity isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product.
Conjugate	FITC
Applications	Suitable for use in double-diffusion and CIE, direct IFA, ELISA and immunohistochemistry. Use neat in gelprecipitin 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 containing 10mg/ml BSA
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

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*
