



Anti-C. albicans Polyclonal antibody (DPAB0203)

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)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	C. albicans
Purification	IgG fraction covalently coupled to a highly purified preparation of horseradish peroxidase (RZ3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is absent. The estimated molar HRP: IgG substitution is 2-
Conjugate	Unconjugated
Applications	Suitable for ELISA, immunocytochemistry and immunohistochemistry, double-diffusion and CIE. 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.
Format	HRP, Liquid
Concentration	1-2mg/ml (OD280nm, E0.1% = 1.4)
Size	1 ml
Buffer	PBS, pH 7.2 containing 10mg/ml BSA

Preservative	None
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