



## Anti-C. albicans Polyclonal antibody (DPAB0204)

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

### PRODUCT INFORMATION

<b>Specificity</b>	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.
<b>Target</b>	C. albicans
<b>Immunogen</b>	Candida albicans, type A (ATCC #32354)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	C. albicans
<b>Purification</b>	95% pure. Protein A chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Suitable for use in ELISA, IFA, immunohistochemistry, DID 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.
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	4-5mg/ml (OD280nm, E0.1% = 1.4)
<b>Size</b>	1 ml
<b>Buffer</b>	0.01M PBS, pH 7.2 Product contains no stabilizing proteins.
<b>Preservative</b>	0.1% Sodium Azide

---

<b>Storage</b>	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

<b>Introduction</b>	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%. <i>C. albicans</i> is a diploid organism which has eight sets of homologous chromosomes. It has a genome of approximately 16 Mb (haploid), about 30% greater than <i>S. cerevisiae</i> (baker's yeast).
<b>Keywords</b>	C albicans; <i>C. albicans</i> ; Thrush; Fungi; Saccharomycotina; Ascomycota; Saccharomycetales; Saccharomycetaceae; <i>Candida albicans</i> ; <i>Candida</i> ; <i>Candida stellatoidea</i> ; <i>Oidium albicans</i>

---