**Product datasheet**

**Anti-Candida albicans antibody ab53891**

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**Overview**

**Product name**  Anti-Candida albicans antibody  
**Description**  Rabbit polyclonal to Candida albicans  
**Host species**  Rabbit  
**Specificity**  ab53891 has not been absorbed and cross reacts with other yeasts. It reacts with numerous proteins in a soluble C. albicans extract in immunoelectrophoresis.

**Tested applications**  Suitable for: ELISA, IHC-Fr, ICC/IF, Flow Cyt, IHC-P

**Species reactivity**  Reacts with: Saccharomyces cerevisiae, Candida albicans  
**Immunogen**  Candida albicans, type A

**Properties**

**Form**  Liquid  
**Storage instructions**  Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.  
**Storage buffer**  Preservative: 0.09% Sodium Azide  
Constituents: PBS, pH 7.2  
**Purity**  IgG fraction  
**Clonality**  Polyclonal  
**Isotype**  IgG

**Applications**

Our [Abpromise guarantee](#) covers the use of ab53891 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<th>Application</th>
<th>Abreviews</th>
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<td>ELISA</td>
<td>Use at an assay dependent concentration.</td>
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<tr>
<td>IHC-Fr</td>
<td>Use at an assay dependent concentration.</td>
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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).

**Images**

ab53891 staining Candida albicans (sc5314) by Flow Cytometry. The sample was incubated with the primary antibody (1/500 in DPBS/3% fetal calf serum/10% goat serum) for 1 hour at 4°C. An Allophycocyanin-conjugated goat anti-rabbit IgG (1/1000) was used as the secondary antibody.

Gating Strategy: FSC/SSC - histogram of single stained population.

Please note: All products are “FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES”

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