

## Product datasheet

anti-Nucleoplasmic Protein AND-1 mouse monoclonal,  
23-5-14, supernatant concentrate

### Short Overview

|                 |        |
|-----------------|--------|
| <b>Cat. No.</b> | 652127 |
| <b>Quantity</b> | 250 µl |

### Product description

|                      |   |
|----------------------|---|
| <b>Host</b>          | Mouse   |
| <b>Antibody Type</b> | Monoclonal  |
| <b>Isotype</b>       | IgG1  |
| <b>Clone</b>         | 23-5-14   |
| <b>Immunogen</b>     | Nuclear fraction prepared from <i>Xenopus laevis</i> oocytes                          |
| <b>Formulation</b>   | Contains 0.09% sodium azide   |
| <b>Note</b>          | Centrifuge prior to opening   |
| <b>Conjugate</b>     | Unconjugated  |
| <b>Purification</b>  | Hybridoma cell culture supernatant concentrate  |
| <b>Storage</b>       | Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles |
| <b>Intended use</b>  | Research use only   |
| <b>Application</b>   | IHC, IP, WB   |
| <b>Reactivity</b>    | Xenopus   |
| <b>No reactivity</b> | Higher vertebrates  |

### Applications

|  |  |
|--|--|
| <b>Immunohistochemistry (IHC) - frozen</b> | 1:300-1:500 (fixation with paraformaldehyde recommended) |
| <b>Immunoprecipitation (IP)</b>            | Assay dependent  |
| <b>Western Blot (WB)</b>                   | 1:3,000  |

### Background

The antibody recognizes a 125 kDa nucleoplasmic protein (AND-1, acidic nucleoplasmic DNA-binding protein) in *Xenopus*. Immunolocalization studies showed a dispersed, finely granular distribution pattern throughout the nucleoplasm.

### Product images



## References

| Publication   | Species | Application            |
|---|---------|------------------------|
| <a href="#">Koehler, A., Schmidt-Zachmann, M. S. &amp; Franke, W. W. AND-1, a natural chimeric DNA-binding protein, combines an HMG-box with regulatory WD-repeats. J. Cell Sci. 110, 1051-1062 (1997).</a> | xenopus | WB,IHC (frozen),ICC-IF |