

## Recombinant Nanog Monoclonal Antibody

catalog number: AN301065L

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

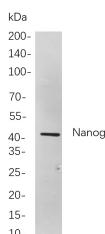
|              |   |
|--------------|---|
| Reactivity   | Human   |
| Immunogen    | Recombinant Human Nanog protein                                 |
| Host         | Rabbit  |
| Isotype      | IgG,κ   |
| Clone        | B820  |
| Purification | Protein A   |
| Buffer       | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

### Applications

### Recommended Dilution

|       |              |
|-------|--------------|
| IHC   | 1:200-1000   |
| WB    | 1:1000-5000  |
| IF    | 1:200-1000   |
| ELISA | 1:5000-20000 |

### Data



Western Blot with Recombinant Nanog Monoclonal Antibody

at dilution of 1:1000 dilution. Lane A: NCCIT cells.

**Observed-MW:42 kDa**

**Calculated-MW:42 kDa**

### Preparation & Storage

**Storage** Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

**Shipping** Ice bag

### Background

The protein encoded by this gene is a DNA binding homeobox transcription factor involved in embryonic stem (ES) cell proliferation, renewal, and pluripotency. The encoded protein can block ES cell differentiation and can also autorepress its own expression in differentiating cells. Two transcript variants encoding different isoforms have been found for this gene.

### For Research Use Only

Toll-free: 1-888-852-8623

Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086

Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017

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