

## Nucleolin

### Antigen Specification

**Product Number: 19700**

**Description:**

Human Nucleolin.  
Recombinant antigen for in vitro research and manufacturing use only.

**Immunological function:**

Binds IgG-type human auto-antibodies.

**Origin:**

Recombinant. Expressed by recombinant baculovirus (*Autographa californica* multiple nuclear polyhedrosis virus; AcMNPV) infection of *Spodoptera frugiperda* Sf9 insect cells.

**Expression construct:**

Truncated cDNA coding for the C-terminal part of human nucleolin (lacking the N-terminal histone-binding portion of nucleolin) fused to a hexahistidine purification tag.

**Biochemical tests:**

SDS-PAGE (purity > 80%); Western blot with i: rabbit anti-Nucleolin antiserum; ii: monoclonal anti-His-tag antibody.

**Calculated molecular weight:**

55 kDa

**Calculated isoelectric point:**

pH 8.56

**Immunological tests/Functionality:**

Immunodot analyses with positive/negative samples.

**Recommended buffer/storage and handling conditions:**

Recommendations for storage buffer: neutral to slightly alkaline pH and 25% glycerol as cryoprotective agent. Storage conditions: -70°C or below. Repeated freeze/thaw cycles should be avoided.

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