

Nucleolin

Antigen Specification

Product Number: 19700

Description:

Human Nucleolin.
Recombinant antigen for research use
or manufacturing 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 hexa-
histidine purification tag.

Biochemical tests:

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

Calculated molecular weight:

55,162 Dalton

Calculated isoelectric point:

pH 8.56

Immunological tests/Functionality:

Immunodot test with positive/negative
sera panels.

**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.

Copyright 2010 – 2014 DIALECT AG