

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 hexa-
histidine 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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