

gp210

Antigen Specification

Product Number: 19000

Description:

Human nuclear pore protein gp210.
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:

Recombinant construct carrying
multiple concatenated copies of the
short cytoplasmic gp210 C-terminus
(which contains the autoreactive
epitopes), fused to a hexa-histidine
purification tag.

Biochemical tests:

SDS-PAGE (purity > 80%); Western
blot with i: anti-gp210 autoantibody-
positive sample; ii: monoclonal anti-
His-tag antibody.

Calculated molecular weight:

25 kDa

Calculated isoelectric point:

pH 9.8

Immunological tests/Functionality:

Standard ELISA test (checkerboard
analysis of positive/negative samples);
immunodot analyses with
positive/negative samples.

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

Recommendations for storage buffer:
neutral to slightly alkaline pH and 6 M
urea (to maintain denatured state).
Storage conditions: -70°C or below.
Repeated freeze/thaw cycles should
be avoided.

Coating concentration:

0.4-1.0 µg/mL (depending on the type
of ELISA plate and coating buffer).
Suitable for labeling of functional
groups.

Copyright 2008 – 2018 DIARECT AG