

Recombinant Human Mi-2

Antigen Specification

Product Number: 18100

Description:

Human Mi-2.
Recombinant antigen for solid (ELISA)
and fluid phase diagnostic assays.

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:

Full-length cDNA coding for the human
Mi-2 β isoform fused to a hexa-histidine
purification tag.

Biochemical tests:

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

Calculated molecular weight:

221,298 Dalton

Calculated isoelectric point:

pH 5.8

Immunological tests/Functionality:

Standard ELISA test (checker-board
analysis of positive/negative sera
panels); Immuno-Dot test with
positive/negative sera panels

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

Recommendations for storage buffer:
neutral to slightly alkaline pH. Storage
temperature: -70° to -80° C. Repeated
freeze/thaw cycles should be avoided.

Coating concentration:

0.3-0.7 μ g/ml (depending on the type
of ELISA plate and coating buffer).
Suitable for biotinylation and iodination.

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