

IA-2 (ICA 512)

Antigen Specification

Product Number: 30500

Description:

Insulinoma-associated protein IA-2 (ICA512). 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:

Full-length cDNA coding for human IA-2 fused to a hexa-histidine purification tag.

Biochemical tests:

SDS-PAGE (purity > 80%); Western-Blot with patient sample.

Calculated molecular weight:

45 kDa

Calculated isoelectric point:

pH 6.2

Immunological tests/Functionality:

Immunodot analyses of positive/negative patient samples.

Recommended buffer/storage and handling conditions:

Recommendations for storage buffer: neutral to slightly alkaline pH and 20% glycerol as cryoprotective agent. Storage conditions: -70°C or below. Repeated freeze/thaw cycles should be avoided.

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