

## NXP2

### Antigen Specification

**Product Number: 31700**

**Description:**

Human NXP2, also known as MORC3, MJ Autoantigen.  
Recombinant antigen for in vitro research and manufacturing use only.

**Calculated molecular weight:**

108 kDa

**Calculated isoelectric point:**

pH 5.66

**Immunological function:**

Binds IgG-type human auto-antibodies.

**Immunological tests/Functionality:**

Immunodot analyses with positive/negative samples.

**Origin:**

Recombinant. Expressed by recombinant baculovirus (*Autographa californica* multiple nuclear polyhedrosis virus; AcMNPV) infection of *Spodoptera frugiperda* Sf9 insect cells.

**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.

**Expression construct:**

Full-length cDNA coding for the human NXP2 protein fused to a deca-histidine purification tag.

**Biochemical tests:**

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

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