

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name: Mouse Anti-SARS Coronavirus Nucleoprotein Antibody (3861): Biotin  
IUPAC name: -  
Product number: MAB12183-Biotin-100 / MAB12183-Biotin-500  
CAS number:

Company: The Native Antigen Company  
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### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.  
Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

#### Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mouse monoclonal antibody purified from hybridoma cell supernatant or mouse ascites fluid. Each vial contains no more than 1000µg.

Additional components present: DPBS + 1% BSA  
Preservative: 0.1% Proclin 950

Contains ProClin 300 / ProClin 950  
Chemical name: ProClin 300 (55965-84-9), ProClin 950  
Symbol(s) Xi – Irritant  
Proclin 300; Cas 2682-20-4; H314; H317; H411; H332; H312; H302; </=1.25%



Proclin 950; H314; H317; H400 <0.2%

R-phrase(s)

- R43 - May cause sensitization by skin contact
- R36/38 - Irritating to eyes and skin
- R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S-phrase(s)

- S24/25 - Avoid contact with skin and eyes
- S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection
- S61 - Avoid release to the environment

#### 4. FIRST AID MEASURES

- If inhaled:** Remove person to fresh air, seek medical advice if breathing becomes difficult.
- In case of skin contact:** Wash off with soap and water.
- In case of eye contact:** Rinse at eyewash station.
- If swallowed:** Do not induce vomiting. Flush mouth with water.

#### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special protective equipment for fire-fighters**

None required.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions**

Wear gloves.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so.

**Methods and materials for containment and cleaning up**

Pick up using absorbent tissue and arrange for safe disposal. Keep in suitable, closed containers for disposal.

#### 7. HANDLING AND STORAGE

**Precautions for safe handling**

Avoid contact with skin and eyes.



### Conditions for safe storage

Recommended storage temperature:

Short term: +4°C.

Long-term: -20°C.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Proclin 300

Long-term exposure limit (8-hour TWA): WEL 0,2 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 0,4 mg/m<sup>3</sup>

Sk

### Proclin 950

Does not have occupational exposure limit values.

WEL = Workplace Exposure Limit

Sk = Can be absorbed through skin

### Personal protective equipment

#### Respiratory protection

None necessary.

#### Hand protection

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Handle with gloves.

#### Eye protection

Wear approved safety goggles

#### Skin and body protection

Laboratory coat

#### Hygiene measures

Avoid contact with skin, eyes and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Colourless liquid

### Safety data

pH: 7.2

Melting point: no data available

Boiling point: no data available



Flash point: no data available  
 Ignition temperature: no data available  
 Lower explosion limit: no data available  
 Upper explosion limit: no data available  
 Water solubility: soluble

## 10. STABILITY AND REACTIVITY

### Chemical stability

Stable under recommended storage conditions.

### Conditions to avoid

Avoid multiple freeze thaw cycles

### Materials to avoid

Reducing agents, Amines, Mercaptans

### Hazardous decomposition products

None known

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
ProClin 300	53 mg/kg (Rat) 481 mg/kg (Rat)	1008 mg/kg (Rat)	1.23 mg/L (Rat) 4 h
ProClin 950	No data available	No data available	No data available

### Skin corrosion/irritation

no data available

### Serious eye damage/eye irritation

no data available

### Respiratory or skin sensitization

Harmful if inhaled

### Germ cell mutagenicity

no data available

### Carcinogenicity

Proclin 300/ProClin 950 at levels greater than or equal to 0.1% is not identified as probable, possible or a confirmed human carcinogen by IARC.

### Reproductive toxicity



no data available

**Aspiration hazard**

no data available

**Potential health effects**

<b>Inhalation</b>	Avoid breathing aerosols
<b>Ingestion</b>	Harmful if swallowed
<b>Skin</b>	May cause sensitization by skin contact
<b>Eyes</b>	Irritating to eyes and skin

**Signs and Symptoms of Exposure**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Additional Information**

**12. ECOLOGICAL INFORMATION**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Toxicity**

No data available

**Persistence and degradability**

Degrades easily

**Bioaccumulative potential**

Low

**Mobility in soil**

no data available

**PBT and vPvB assessment**

no data available

**Other adverse effects**

no data available

**13. DISPOSAL CONSIDERATIONS**

**Product**

Observe all federal, state, and local environmental regulations. Can be disposed of down sink.

**Contaminated packaging**

Dispose of as unused product.



#### 14. TRANSPORT INFORMATION

Not dangerous goods, no transport limitations.

#### 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

#### 16. OTHER INFORMATION

None

**Last updated:** 23/02/2021

**Prepared by:** The Native Antigen Company

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