

## SAFETY DATA SHEET

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

Product name: Human IgM Anti SARS-CoV-2 Nucleoprotein Antibody (CR3009)  
IUPAC name: -  
Product number: MAB12435-50  
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: PBS  
Preservative: 0.02% Proclin 300.

### 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:** 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: Up to 3 months at +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

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: 7.4  
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

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 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:** 15/06/2020

**Prepared by:** The Native Antigen Company

Although the information, opinions and recommendations contained in this Safety Data Sheet are compiled from sources believed to be reliable, we accept no responsibility for the accuracy, sufficiency, or reliability or for any loss or injury resulting from the use of the information.