

## Safety Data Sheet

### Phospho-PERK (Thr980) Rabbit Polyclonal Antibody

Cat#: orb506147

revised 2025-02-17

#### 1. Product and Company Information

Product Name	Phospho-PERK (Thr980) Rabbit Polyclonal Antibody
Catalogue Number	orb506147

#### 2. Hazards Identification

Physical state and Color	Phospho-PERK (Thr980) Rabbit pAb	liquid; colorless
Odor	Odorless	
Hazard statements	<p>Classification of the substance or mixture:  This substance does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC, 1272/2008 [CLP], GHS or 29 CFR 1910.1200 [OSHA].</p> <p>Label Elements:  The product does not need to be labelled in accordance with EC directives or respective national laws.</p> <p>Other Hazards - None</p>	
Routes of entry	Dermal contact. Eye contact. Inhalation.	

#### Potential acute health effects

Eyes	No known significant effects or critical hazards.
Skin	No known significant effects or critical hazards.
Inhalation	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.

#### Potential chronic health effects

Chronic effects	No known significant effects or critical hazards.
Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.

<b>Inhalation</b>	No specific data.
<b>Ingestion</b>	No specific data.
<b>Skin</b>	No specific data.
<b>Eyes</b>	No specific data.

### 3. Composition/information on ingredients

#### 3.1 Substances

Not applicable

#### 3.2 Mixtures

This product does not contain hazardous chemicals at concentrations of 1% or greater.

This product is not known to contain carcinogens at concentrations of 0.1% or greater.

#### Compositions/information:

Components	Composition	CAS No.	Classification	Conc.
Phospho-PERK (Thr980) Rabbit pAb	Concentrated Phospho-PERK (Thr980) Rabbit pAb		Not hazardous	
Diluent buffer	Proclin 300 Mixture (active ingredients): Mixture of 5-Chloro-2-Methyl-4- Isothiazolin-3-One (26172-55-4) and 2-Methyl-4-Isothiazolin-3- One (2682-20-4)	55965-84-9	H317	<0.03 %

### 4. First Aid Measures

<b>Eye contact</b>	Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15minutes, occasionally lifting the upper and lower eyelids. <u>Get medical attention if symptoms occur.</u>
<b>Skin contact</b>	Immediately wash with water and soap and rinse thoroughly. If skin irritation persists, call a physician.
<b>Inhalation</b>	Supply fresh air; consult doctor in case of complaints.
<b>Ingestion</b>	Induce vomiting and call for medical help.
<b>Protection of first-aiders</b>	No action shall be taken involving any personal risk or without suitable training.

### 5. Fire Fighting Measures

<b>Flammability of the product</b>	In a fire or if heated, a pressure increase will occur and the container may burst.
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## 6. Accidental release measures

<b>Personal precautions</b>	Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust. Put on appropriate personal protective equipment.
<b>Environmental precautions</b>	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution.

## 7. Handling and storage

<b>General protective and hygienic measures</b>	Keep away from foodstuffs and beverages. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.
<b>Protection of hands</b>	Wear appropriate protective gloves to prevent skin contact. Replace torn or punctured gloves promptly.
<b>Skin and body protection</b>	Wear appropriate body protection to prevent skin contact.
<b>Eye protection</b>	Wear appropriate eye protection to prevent eye contact.
<b>Storage</b>	-20°C for long storage, 2-8°C for one week.

## 8. Exposure controls/personal protection

<b>General protective and hygienic measures</b>	Keep away from foodstuffs and beverages. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.
<b>Protection of hands</b>	Wear appropriate protective gloves to prevent skin contact. Replace torn or punctured gloves promptly.
<b>Skin and body protection</b>	Wear appropriate body protection to prevent skin contact.
<b>Eye protection</b>	Wear appropriate eye protection to prevent eye contact.

## 9. Physical and chemical properties

<b>Physical state and Color</b>	Concentrated Phospho-PERK (Thr980) Rabbit pAb	liquid; colorless
<b>Odor</b>	Odorless	
<b>Volatility</b>	0% (v/v)	

## 10. Stability and reactivity

<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur.

## 11. Toxicological information

Not toxic, not hazardous, not infectious, not contagious.

## 12. Ecological information

No known significant effects or critical hazards.

## 13. Disposal considerations

<b>Waste disposal</b>	The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
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## 14. Transport information

**RID/ADR:** Non-hazardous for road transport.

**IMDG:** Non-hazardous for sea transport.

**IATA:** Non-hazardous for air transport.

## 15. Regulatory information

No known healthy hazards in this concentration.

### Special training:

No special training is anticipated; however, the worker should be well instructed for the execution of this task, have knowledge of this Safety Data Sheet and normal training in use of personal protective equipment.

## 16. Other information

The information provided on the Safety Data Sheet is to the best of our knowledge, information, and belief at the time of its publication. The information given is designed to be used as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. Conditions of use and suitability of the product for particular uses are beyond our control; therefore, the user assumes all risks of use of the product.