

Product name Phospho-Chk1 (Ser345) Matched Antibody Pair**(M)SDS Number** 29860**Issuing Date:** 2024-12-20**Version** 1

1. Identification

Product identifier

Product name Phospho-Chk1 (Ser345) Matched Antibody Pair**Kit Component** 49035: Phospho-Chk1 (Ser345) (5C3D11) Rabbit mAb (BSA and Azide Free)
89946: Chk1 (2G1D5) Mouse mAb (BSA and Azide Free)

Other means of identification

(M)SDS Number 29860

—

Details of the supplier of the safety data sheet

ManufacturerCell Signaling Technology, Inc.
3 Trask Lane
Danvers, MA 01923
United States
TEL: +1 978 867 2300
FAX: +1 978 867 2400**Importer**Cell Signaling Technology, Inc.
Building 7
A-SUN Science & Technology Park
399 Shengxia Road
Pudong Shanghai 201210
China
TEL: 4006-473287
FAX: (86) 21-5835-6116**Supplier**

No information available

E-mail address support@cellsignal.com

Emergency telephone number

Emergency telephone 400 120 4937

Recommended use of the chemical and restrictions on use

Identified uses For Research Use Only. Not for Use in Diagnostic Procedures.**Restrictions on use** No information available

2. Hazard(s) identification

Emergency Overview

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS).

Appearance Clear Colorless**Physical state** Liquid**Odor** See section 9

Classification of the substance or mixture

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

Label elements

Signal Word

None

Hazard Statements

None

Physical and chemical hazards

Not applicable.

Health hazards

Immediate Health Effects: Not applicable.

Chronic effects: Not applicable.

Environmental hazards

Not applicable.

Other hazards which do not result in classification

Not applicable.

3. Composition/information on ingredients

Kit Component	49035: Phospho-Chk1 (Ser345) (5C3D11) Rabbit mAb (BSA and Azide Free) 89946: Chk1 (2G1D5) Mouse mAb (BSA and Azide Free)
----------------------	---

These products do not contain substances at concentrations requiring disclosure

4. First-aid measures

Description of necessary first aid measures

Inhalation	Move to fresh air.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids.
Skin contact	Wash skin with soap and water.
Ingestion	Clean mouth with water and afterwards drink plenty of water.
<u>Most important symptoms/effects, acute and delayed</u>	No information available.
<u>For emergency responders</u>	No information available.
<u>Note to physicians</u>	Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
-------------------------------------	--

Unsuitable Extinguishing Media No information available

Specific hazards arising from the chemical No information available.

Special protective actions for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes and clothing. Use personal protective equipment. For personal protection see section 8.

For emergency responders Use personal protection recommended in Section 8.

Environmental precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

Precautions to prevent secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. Handling and storage

Precautions for safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. See Section 8 for information on appropriate personal protective equipment.

Conditions for safe storage, including any incompatibilities Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials None known based on information supplied.

8. Exposure controls/personal protection

Occupational exposure limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Biological occupational exposure limits

No data available

Monitoring and observation processes

No applicable information was found.

Engineering controls Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face protection	Safety glasses with side-shields.
Skin and body protection	Wear protective gloves/clothing.
Hand protection	Impervious gloves.
Respiratory protection	In case of insufficient ventilation wear suitable respiratory equipment.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Information on basic physical and chemical properties

Kit Component	49035: Phospho-Chk1 (Ser345) (5C3D11) Rabbit mAb (BSA and Azide Free) 89946: Chk1 (2G1D5) Mouse mAb (BSA and Azide Free)
Physical state	Liquid
Appearance	Clear
pH	8.0 (20°C)

10. Stability and reactivity

<u>Stability</u>	Stable under normal conditions.
<u>Possibility of hazardous reactions</u>	None under normal processing.
<u>Conditions to Avoid</u>	Extremes of temperature and direct sunlight
<u>Incompatible products</u>	No information available
<u>Hazardous Decomposition Products</u>	None known based on information supplied

11. Toxicological information

Acute Toxicity

Numerical measures of toxicity

Symptoms	No information available.
Skin and Eye Corrosion/Irritation	No information available
Sensitization	No information available.
Mutagenic effects	No information available.
Carcinogenicity	No information available.

Reproductive toxicity	No information available.
Systemic Target Organ Toxicity (STOT)	No information available.
Aspiration hazard	No information available.

12. Ecological information

<u>Ecotoxicity</u>	The environmental impact of this product has not been fully investigated.
<u>Product Information</u>	No information available
<u>Persistence and degradability</u>	No information available
<u>Bioaccumulative potential</u>	No information available
<u>Mobility in soil</u>	No information available

13. Disposal considerations

<u>Waste chemicals</u>	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. Do not empty into drains; dispose of this material and its container in a safe way.
<u>Contaminated packaging</u>	Do not reuse empty containers.

14. Transport information

<u>IMDG/IMO</u>	Not regulated
<u>IATA</u>	Not regulated
<u>China</u>	Not regulated

Special precautions for user
Please refer to the applicable dangerous goods regulations for additional information

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

Law of the People's Republic of China on Prevention and Control of Occupational Diseases

Catalog of occupational hazard factors:	Not applicable
---	----------------

Catalog of occupational diseases: Not applicable

Regulations on the Control over Safety of Hazardous Chemicals

Inventory of hazardous chemicals Not applicable

GB 18218-2009 Identification of major hazard installations for dangerous chemicals Not applicable

List of hazardous chemicals under priority management Not applicable

Regulations on Labor Protection in Workplaces Where Toxic Substances Are Used

Inventory of highly toxic goods Not applicable

Regulations for Environmental Management on the First Import of Chemicals and the Import and Export of Toxic Chemicals

List of toxic chemicals severely restricted for import and export in China Not applicable

Measures for the Environmental Management of New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances Contact supplier for inventory compliance status.

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

16. Other information

Issuing Date: 2024-12-20

Revision Note The symbol (*) in the margin of this SDS indicates that this line has been revised.

Abbreviations and acronyms

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA:	Time weighted average	STEL:	Short term exposure limit
Ceiling:	Maximum limit value:	*	Skin designation
C	Carcinogen		

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
 U.S. Environmental Protection Agency ChemView Database
 European Food Safety Authority (EFSA)
 EPA (Environmental Protection Agency)
 Acute Exposure Guideline Level(s) (AEGL(s))
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
 U.S. Environmental Protection Agency High Production Volume Chemicals
 Food Research Journal
 Hazardous Substance Database
 International Uniform Chemical Information Database (IUCLID)
 Japan GHS Classification
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
 NIOSH (National Institute for Occupational Safety and Health)
 National Library of Medicine's ChemID Plus (NLM CIP)
 National Library of Medicine's PubMed database (NLM PUBMED)
 National Toxicology Program (NTP)
 New Zealand's Chemical Classification and Information Database (CCID)
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications

Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
RTECS (Registry of Toxic Effects of Chemical Substances)
World Health Organization

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet