

Safety Data Sheet

APC-CONJUGATED MONOCLONAL ANTIBODY
EFFECTIVE DATE: 2014-10-28

1 Product and Company Identification

1.1 Product Name / Catalog Number:

Product Name	Catalog Number
Anti-Mouse CD25 Antibody, Clone PC61.5, APC	60009AZ, 60009AZ.1
Anti-Human CD38 Antibody, Clone HIT2, APC	60014AZ, 60014AZ.1
Anti-Mouse CD45R Antibody, Clone RA3-6B2, APC	60019AZ, 60019AZ.1
Anti-Rat CD90 Antibody, Clone OX-7, APC	60024AZ
Anti-Mouse CD117 Antibody, Clone 2B8, APC	60025AZ, 60025AZ.1
Anti-Mouse Gr-1 Antibody, Clone RB6-8C5, APC	60028AZ, 60028AZ.1
Anti-Mouse Sca1 Antibody, Clone E13-161.7, APC	60032AZ, 60032AZ.1
Anti-Mouse TER119 Antibody, Clone TER-119, APC	60033AZ, 60033AZ.1
Anti-Mouse CD117 Antibody, Clone ACK2, APC	60034AZ, 60034AZ.1
Anti-Mouse CD150 Antibody, Clone TC15-12F12.2, APC	60036AZ, 60036AZ.1
Anti-Mouse CD49f Antibody, Clone GoH3, APC	60037AZ, 60037AZ.1
Anti-Human CD105 Antibody, Clone 43A3, APC	60039AZ, 60039AZ.1
Anti-Human CD11b Antibody, Clone ICRF44, APC	60040AZ, 60040AZ.1
Anti-Human CD16 Antibody, Clone 3G8, APC	60041AZ, 60041AZ.1
Anti-Human CD90 Antibody, Clone 5E10, APC	60045AZ, 60045AZ.1
Anti-Mouse CD44 Antibody, Clone IM7, APC	60068AZ, 60068AZ.1
Anti-Mouse CD24 Antibody, Clone M1/69, APC	60099AZ, 60099AZ.1
Anti-Mouse NK1.1 (CD161), Clone PK136, APC	60103AZ, 60103AZ.1
Anti-Mouse TCR Gamma/Delta Antibody, Clone GL3, APC	60104AZ, 60104AZ.1
Anti-Human CD68 Antibody, Clone Y1/82A, APC	60105AZ, 60105AZ.1
Anti-Human CD71 (Transferrin Receptor) Antibody, Clone OKT9, APC	60106AZ, 60106AZ.1
Anti-Human CD83 Antibody, Clone HB15e, APC	60107AZ, 60107AZ.1

1.2 Synonyms: Not Available

1.3 Product Use: Flow Cytometry

1.4 Manufacturer/Supplier: STEMCELL Technologies
 Suite 500-1618 Station Street
 Vancouver, British Columbia V6A 1B6 Canada

1.5 In Case of Emergency Call: 1-800-667-0322

2 Hazards Identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 Label elements

Not a hazardous substance or mixture.

2.3 Other hazards None

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3 Composition / Information on Ingredients

3.1 Mixtures

No components need to be disclosed according to the applicable regulations.

4 First Aid Measures

4.1 Description of first aid measures

4.1.1 If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

4.1.2 In case of skin contact

Wash off with soap and plenty of water.

4.1.3 In case of eye contact

Flush eyes with water as a precaution.

4.1.4 If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5 Fire Fighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media

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

5.2 Special hazards arising from the substance or mixture

No data available

5.3 Fire Fighting Instructions

Wear self-contained breathing apparatus for firefighting if necessary.

6 Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing vapors, mist or gas.

For personal protection see section 8.

6.2 Environmental precautions

No special environmental precautions required.

6.3 Methods and materials for containment and cleaning up

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Keep in suitable, closed containers for disposal.

7 Handling and Storage

7.1 Precautions for safe handling

For precautions see section 2.2.

7.2 Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place.

8 Exposure Controls/Personal Protection

8.1 Exposure limits

Contains no substances with occupational exposure limit values.

8.2 Engineering controls

Use mechanical exhaust or laboratory fumehood to avoid exposure.

8.3 Personal protective equipment

8.3.1 Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

8.3.2 Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

8.3.3 Respiratory protection

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

8.3.4 General hygiene considerations

General industrial hygiene practice.

9 Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	Clear with a blue hue
Odour	No data available
Odour threshold	No data available
Melting point/freezing point	No data available
Boiling point/boiling range	No data available
Decomposition temperature	No data available

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Relative density	No data available
Solubility in water	No data available
Solubility in other liquids	No data available
pH	No data available
Partition coefficient: n-octanol/water	No data available
Viscosity	No data available
Vapour pressure	No data available
Vapour density	No data available
Evaporation rate	No data available
Flash point	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Auto-ignition temperature	No data available

9.2 Other information

No data available

10 Stability and Reactivity

10.1 Reactivity	No data available
10.2 Chemical stability	No data available
10.3 Possibility of hazardous reactions	No data available
10.4 Conditions to avoid	No data available
10.5 Incompatible materials	No data available
10.6 Hazardous decomposition products	No data available

11 Toxicological Information

11.1 Acute toxicity	No data available
11.2 Skin corrosion/irritation	No data available
11.3 Serious eye damage/eye irritation	No data available
11.4 Aspiration hazard	No data available
11.5 Specific target organ toxicity - single exposure	No data available
11.6 Specific target organ toxicity - repeated exposure	No data available
11.7 Respiratory and/or skin sensitization	No data available
11.8 Carcinogenicity	No data available

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- IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
- ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
- NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
- OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

11.9 Reproductive toxicity

No data available

11.10 Germ cell mutagenicity

No data available

11.11 Signs and symptoms of exposure

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

11.12 RTECS # No data available

12 Ecological Information

- | | |
|---|-------------------|
| 12.1 Toxicity | No data available |
| 12.2 Persistence and degradability | No data available |
| 12.3 Bioaccumulative potential | No data available |
| 12.4 Mobility in soil | No data available |
| 12.5 Other adverse effects | No data available |

13 Disposal Considerations

- | | |
|-----------------------------------|--|
| 13.1 Waste disposal method | Dispose in accordance with local, provincial/state, and federal regulations. |
|-----------------------------------|--|

14 Transport Information

- | | |
|--|--|
| 14.1 UN number | No data available |
| 14.2 UN proper shipping name | DOT Not dangerous goods
ADR/RID Not dangerous goods
IMDG Not dangerous goods
IATA Not dangerous goods |
| 14.3 Transport hazard class(es) | No data available |
| 14.4 Packing group | No data available |
| 14.5 Environmental hazards | No data available |
| 14.6 Special precautions | No data available |

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15 Regulatory Information

15.1 WHMIS Classification

Not WHMIS controlled

15.2 Regulatory information statement

This SDS was prepared according to the Canadian Controlled Products Regulation and contains all the information required by those regulations.

This SDS was prepared in accordance with Regulation (EC) No.1272/2008 and European Directive 67/548/EEC as amended.

16 Other Information

16.1 Prepared by: Quality Control, STEMCELL Technologies Inc.

16.2 Revision: N/A

16.3 Notice: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. STEMCELL Technologies Inc. shall not be held liable for any damage resulting from handling or from contact with the product. The information contained in this Safety Data Sheet (SDS) is current as of the Effective Date shown in this document and may be subject to amendment by STEMCELL Technologies Inc.

16.4 Disclaimer: **THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT INTENDED FOR HUMAN OR ANIMAL DIAGNOSTIC OR THERAPEUTIC USES.**