

Safety Data Sheet

MONOCLONAL ANTIBODY
EFFECTIVE DATE: 2014-10-23

1 Product and Company Identification

1.1 Product Name / Catalog Number:

Product Name	Catalog Number
Anti-Mouse CD11b Antibody, Clone M1/70	60001
Anti-Mouse CD11c Antibody, Clone N418	60002
Anti-Human CD14 Antibody, Clone M5E2	60004
Anti-Human CD19 Antibody, Clone HIB19	60005
Anti-Mouse CD19 Antibody, Clone 6D5	60006
Anti-Human CD2 Antibody, Clone RPA-2.10	60007
Anti-Human CD20 Antibody, Clone 2H7	60008
Anti-Mouse CD25 Antibody, Clone 3C7	60010
Anti-Human CD34 Antibody, Clone 581	60013
Anti-Human CD38 Antibody, Clone HIT2	60014
Anti-Mouse CD3e Antibody, Clone 145-2C11	60015
Anti-Human CD4 Antibody, Clone OKT4	60016
Anti-Mouse CD4 Antibody, Clone RM4-5	60017
Anti-Human CD45 Antibody, Clone HI30	60018
Anti-Mouse CD45R Antibody, Clone RA3-6B2	60019
Anti-Mouse CD49b Antibody, Clone DX5	60020
Anti-Human CD56 Antibody, Clone HCD56	60021
Anti-Human CD8a Antibody, Clone RPA-T8	60022
Anti-Mouse CD8a Antibody, Clone 53-6.7	60023
Anti-Rat CD90 Antibody, Clone OX-7	60024
Anti-Mouse CD117 Antibody, Clone 2B8	60025
Anti-Mouse F4/80 Antibody, Clone BM8	60027
Anti-Mouse Ly-6G Antibody, Clone 1A8	60031
Anti-Mouse Sca1 Antibody, Clone E13-161.7	60032
Anti-Mouse CD117 Antibody, Clone ACK2	60034, 60034.1
Anti-Mouse CD150 Antibody, Clone TC15-12F12.2	60036, 60036.1
Anti-Mouse CD49f Antibody, Clone GoH3	60037
Anti-Human CD105 Antibody, Clone 43A3	60039
Anti-Human CD11b Antibody, Clone ICRF44	60040
Anti-Human CD51 Antibody, Clone NKI-M9	60043
Anti-GFAP Antibody, Clone 2E1.E9	60048, 60048.1
Anti-Human SSEA-5 Antibody, Clone 8e11	60063, 60063.1
Anti-Human TRA-1-60 Antibody, Clone TRA-1-60R	60064
Anti-Mouse CD44 Antibody, Clone IM7	60068, 60068.1
Mouse IgM, kappa Isotype Control Antibody, Clone MM-30	60069
Anti-Human CD5 Antibody, Clone UCHT2	60082
Anti-Human CD22 Antibody, Clone HIB22	60083

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Anti-Human CD43 Antibody, Clone CD43-10G7	60085
Anti-Human CD66b Antibody, Clone G10F5	60086
Anti-Human CD117 (c-Kit) Antibody, Clone 104D2	60087, 60087.1
Anti-Human CD33 Antibody, Clone HIM3-4	60096

- 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

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

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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

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

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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 liquid
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
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

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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**
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 |

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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

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.**