

Safety Data Sheet

ALEXA FLUOR® 488-CONJUGATED MONOCLONAL ANTIBODY
EFFECTIVE DATE: 2014-10-20

1 Product and Company Identification

1.1 Product Name / Catalog Number:

| Product Name | Catalog Number |
|---|--------------------|
| Anti-Mouse CD45 Antibody, Clone 30-F11, Alexa Fluor® 488 | 60030AD, 60030AD.1 |
| Anti-Mouse CD117 Antibody, Clone ACK2, Alexa Fluor® 488 | 60034AD, 60034AD.1 |
| Anti-Human CD16 Antibody, Clone 3G8, Alexa Fluor® 488 | 60041AD, 60041AD.1 |
| Anti-Human SSEA-5 Antibody, Clone 8e11, Alexa Fluor® 488 | 60063AD, 60063AD.1 |
| Anti-Human CD183 (CXCR3) Antibody, Clone G025H7, Alexa Fluor® 488 | 60088AD, 60088AD.1 |
| Anti-Human CD196 (CCR6) Antibody, Clone G034E3, Alexa Fluor® 488 | 60090AD, 60090AD.1 |
| Anti-Human Nestin Antibody, Clone 10C2, Alexa Fluor® 488 | 60091AD, 60091AD.1 |
| Anti-Human OCT4 (OCT3) Antibody, Clone 3A2A20, Alexa Fluor® 488 | 60093AD, 60093AD.1 |
| Anti-Human CD45RO Antibody, Clone UCHL1, Alexa Fluor® 488 | 60097AD |
| Anti-Mouse CD24 Antibody, Clone M1/69, Alexa Fluor® 488 | 60099AD, 60099AD.1 |
| Anti-Beta-Tubulin III Antibody, Clone AA10, Alexa Fluor® 488 | 60100AD, 60100AD.1 |
| Anti-Mouse NK1.1 (CD161), Clone PK136, Alexa Fluor® 488 | 60103AD, 60103AD.1 |
| Anti-Mouse TCR Gamma/Delta Antibody, Clone GL-3, Alexa Fluor® 488 | 60104AD, 60104AD.1 |
| Anti-Human CD68 Antibody, Clone Y1/82A, Alexa Fluor® 488 | 60105AD, 60105AD.1 |
| Anti-Human CD83 Antibody, Clone HB15e, Alexa Fluor® 488 | 60107AD |

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

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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

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

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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 green 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 |
| 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 |

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| | |
|--|-------------------|
| 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

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

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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

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.

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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.**