

## 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-Human CD138 (Syndecan-1) Antibody, Clone MI15	60003
Anti-Mouse CD25 Antibody, Clone PC61.5	60009
Anti-Mouse CD4 Antibody, Clone RM4-4	60029, 60029.1, 60029.2
Anti-Mouse CD45 Antibody, Clone 30-F11	60030, 60030.1
Anti-Mouse CD138 (Syndecan-1) Antibody, Clone 281-2	60035, 60035.1
Anti-Human CD183 (CXCR3) Antibody, Clone G025H7	60088
Anti-Human CD184 (CXCR4) Antibody, Clone 12G5	60089
Anti-Human CD196 (CCR6) Antibody, Clone G034E3	60090
Anti-Human Nestin Antibody, Clone 10C2	60091, 60091.1
Anti-Human Beta-Tubulin III Antibody, Clone 2G10-TB3	60092, 60092.1
Anti-Human OCT4 (OCT3) Antibody, Clone 3A2A20	60093, 60093.1
Anti-Human CD45RO Antibody, Clone UCHL1	60097
Anti-Mouse CD24 Antibody, Clone M1/69	60099, 60099.1
Anti-Beta-Tubulin III Antibody, Clone AA10	60100, 60100.1
Anti-Mouse NK1.1 (CD161), Clone PK136	60103, 60103.1
Anti-Mouse TCR Gamma/Delta Antibody, Clone GL3	60104
Anti-Human CD68 Antibody, Clone Y1/82A	60105, 60105.1
Anti-Human CD71 (Transferrin Receptor) Antibody, Clone OKT9	60106, 60106.1
Anti-Human CD83 Antibody, Clone HB15e	60107, 60107.1

**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

### 3 Composition / Information on Ingredients

#### 3.1 Mixtures

PurifiedmAb\_04-SDS\_GHS

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

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### 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.

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### 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.

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### 7 Handling and Storage

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**MONOCLONAL ANTIBODY****EFFECTIVE DATE: 2014-10-23****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.

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**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.

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**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

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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

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**10 Stability and Reactivity**

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

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**11 Toxicological Information**

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

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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

### 15 Regulatory Information

#### 15.1 WHMIS Classification

Not WHMIS controlled

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### 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.

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