

Safety Data Sheet

BIOTIN-CONJUGATED MONOCLONAL ANTIBODY
EFFECTIVE DATE: 2014-10-23

1 Product and Company Identification

1.1 Product Name / Catalog Number:

Product Name	Catalog Number
Anti-Human CD20 Antibody, Clone 2H7, Biotin	60008BT, 60008BT.1
Anti-Human CD38 Antibody, Clone HIT2, Biotin	60014BT, 60014BT.1
Anti-Mouse CD45R Antibody, Clone RA3-6B2, Biotin	60019BT, 60019BT.1
Anti-Rat CD90 Antibody, Clone OX-7, Biotin	60024BT
Anti-Mouse CD117 Antibody, Clone 2B8, Biotin	60025BT, 60025BT.1
Anti-Mouse Sca1 Antibody, Clone E13-161.7, Biotin	60032BT
Anti-Mouse CD150 Antibody, Clone TC15-12F12.2, Biotin	60036BT, 60036BT.1
Anti-Mouse CD49f Antibody, Clone GoH3, Biotin	60037BT, 60037BT.1
Anti-Human CD105 Antibody, Clone 43A3, Biotin	60039BT
Anti-Human CD11b Antibody, Clone ICRF44, Biotin	60040BT, 60040BT.1
Anti-Human CD16 Antibody, Clone 3G8, Biotin	60041BT, 60041BT.1
Anti-Human CD51 Antibody, Clone NK1-M9, Biotin	60043BT
Anti-Human CD90 Antibody, Clone 5E10, Biotin	60045BT
Anti-Mouse CD24 Antibody, Clone M1/69, Biotin	60099BT, 60099BT.1
Anti-Mouse NK1.1 (CD161), Clone PK136, Biotin	60103BT, 60103BT.1
Anti-Mouse TCR Gamma/Delta Antibody, Clone GL3, Biotin	60104BT, 60104BT.1, 60104BT.2
Anti-Human CD68 Antibody, Clone Y1/82A, Biotin	60105BT
Anti-Human CD71 (Transferrin Receptor) Antibody, Clone OKT9, Biotin	60106BT, 60106BT.1
Anti-Human CD83 Antibody, Clone HB15e, Biotin	60107BT, 60107BT.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

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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

Keep in suitable, closed containers for disposal.

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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 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

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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	
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.

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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.
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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

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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.

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