

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Anti Dioxin Antibody
Product Number:	RY853
Manufacturer:	YANAIHARA INSTITUTE, INC.
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2. COMPOSITION, INFORMATION ON INGREDIENTS

Product Name:	CAS Number
Anti Dioxin Antibody	None

The product vial contains 1 mg purified IgG of the titled antibody obtained by lyophilizing its solution in Dulbecco's PBS (-) without preservative.

3. HAZARDS IDENTIFICATION

Caution: Avoid contact and inhalation. May cause eye and skin irritation.

4. FIRST AID MEASURES

Inhalation:	Immediately remove to fresh air. Consult a physician if necessary.
Eye contact:	Immediately flush eyes with flooding amounts of running water for at least 15 minutes. Consult a physician if necessary.
Skin contact:	In case of contact, wash skin with soap and water.
Ingestion:	If swallowed and person is conscious, rinse out mouth water. Get medical attention.

5. FIRE FIGHTING MEASURES

Flash Point:	Nonflammable.
Auto ignition Temperature:	Data not available.
Fire Extinguishing Media:	Water spray, dry chemical, foam, or carbon dioxide.
Firefighting:	Wear protective clothing and self-contained breathing apparatus to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Methods for Clean up:	In case of spill of solid or powder material, prevent causing dust, sweep and collect, and put in a container to be sealed. Wash the spill site with water. In case of spill of liquid material, take up or cover spilled material with ashes or other incombustible absorbents, and put in a container to be sealed. After completely picked up, dispose.
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7. HANDLING AND STORAGE

Avoid inhalation and contact with eyes and skin. Avoid prolonged or repeated exposure. Store at -30°C to -80°C in tightly closed container.

8. EXPOSURE CONTOROLS, PERSONAL PROTECTION

Engineering Controls:	Maintain adequate ventilation, eyewash and quick-drench facilities in work area.
Personal Protective Equipment:	Lab coat, chemical resistant gloves and chemical safety glasses.
Occupational Exposure Limits:	Data not available.
Others:	Wash hands thoroughly after handling materials.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	White powder.
Odor:	Odorless.
Boiling Point:	Data not available.
Melting Point:	Data not available.
Volatile Organic Compound:	Data not available.
Solubility in water:	Readily miscible in water.

10. STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to avoid:	Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

May cause skin irritation.
May be toxic if absorbed through skin or ingested. May cause eye irritation.

12. ECOLOGICAL INFORMATION

Data not available.

13. DISPOSAL CONSIDERATIONS

Dispose of all waste material including containers in accordance with all applicable laws and local environmental regulations.

14. TRANSPORT INFORMATION

IATA:	This substance is considered non-hazardous for air transport.
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15. REGULATORY INFORMATION

EU Regulation/Classification/Labeling Information: Not available for this product.

16. OTHER INFORMATION

This product is sold only for research use by personnel familiar with chemicals and who are well trained in good laboratory habits, such as a voiding spills, keeping hands clean at all times and not rubbing eyes with hands while working in the laboratory. This product is only for use in life sciences research. No other use is intended, and any other use may involve substantive hazards.

The above information is believed to be correct to be the best of our knowledge and information, but does not purport to be all inclusive and should be used as only a guide. This product is intended to be used by expert persons having chemical knowledge and skill, at their own discretion and risk. Yanaihara institute Inc., shall not be held liable for any damages resulting from handling or contact with the above product. Users should determine the suitability of the information for their particular purpose.
