

**1. Identification of substance/mixture and contact**

**Trade name:** Ara h1 Monoclonal Antibody (20D3)

**Cat.-No.** MAB004

**Intended use:** Mouse monoclonal IgG1 antibody to Ara h1. For research use only

**Manufacturer/supplier:** Milenia Biotec GmbH  
Versailler Straße 1, 35394 Gießen (Germany)  
Phone: +49 (0)641-94 888 3-0, Fax: +49 (0)641-94 888 3-80  
Mail: [info@milenia-biotec.de](mailto:info@milenia-biotec.de)  
Internet: <http://www.milenia-biotec.com>

**Emergency Call:** see your local poison information center!

**2. Possible Hazards**

**Classification of substance/mixture:** no single substances – antibody is classified as a mixture

**Declaration of hazards:** no information necessary

**Specific hazards:** no information necessary

**3. Composition/Information on components**

**Description:** Antibody (liquid), use as part of immunological reactions, Sodium azide used as preservative

**Identification of ingredients:**

CAS-Nr.	EG-Nr.	Description	component	Conc.	Indexing
26628-22-8	247-852-1	Sodium azide	MAB004	< 0,1%	--

**4. First-aid-steps**

So far no injuries have been reported that could be linked to the use of the antibody. For safety reasons general First Aid measures for chemical substances will be listed nevertheless.

<b>Inhalation:</b>	Remove source of exposure; take person outside at fresh air
<b>Skin contact:</b>	Remove source of exposure; wash affected area with water
<b>Eye contact:</b>	Remove source of exposure; wash with copious amounts of water
<b>Ingestion:</b>	Drink copious amounts of water
<b>General advice:</b>	If irritation or signs of toxicity occur, seek medical attention

**5. Fire and Explosion Hazard Data**

<b>Extinguishing media:</b>	Water spray, Foam, CO <sub>2</sub> , Dry Chemical
<b>Special hazards and safety measures in case of fire:</b>	Special protection in case of fire-fighting is generally recommended

**6. Accidental Release**

<b>Personal precautions:</b>	Wear protective clothes, remove unprotected persons
<b>Environmental precautions:</b>	not necessary
<b>Procedures for cleaning/collecting:</b>	Spilled liquid should be wiped away with absorbent material and be submitted to disposal
<b>Additional advice:</b>	No hazardous compounds are released

**7. Handling and storage**

<b>Protective measure for safe handling:</b>	No special measures required, observe instructions for use
<b>Conditions for safe storage:</b>	see package insert

## 8. Exposure control and personal protection

Addition information about design of technical facilities:	not necessary
General protective and hygiene measures:	Keep away from food and beverages Wash hands
Protection of hands/eyes:	Protective lab glasses, gloves
Personal protection:	Laboratory clothes
Respiratory protection:	not necessary

## 9. Physical and chemical properties

	MAB004
Form	liquid
colour	colourless
Odour	No smell
pH (20°C)	~ pH 7
Melting point/ Freezing point	~ 0°C
Boiling point (°C)	~ 100°C
Burning point (°C)	Not applicable
Evaporation rate	Not applicable
Ignition temperature	Not applicable
flammability	Not applicable
Relative vapour pressure	Not applicable
Relative vapour density	Not applicable
Solubility	soluble
Self-ignition (°C)	Not applicable
Explosive character	Not applicable

## 10. Stability and reactivity

Conditions to be avoided:	heating up, drying up
Compounds to be omitted:	No special hazards known
Hazardous products of decomposition:	Plastic device

## 11. Toxicological information

Primary irritant effect on the eyes / skin:	Data concerning the toxicity of this product in the existing dilution are not available
Sensitization of respiratory system / skin:	No irritant effect known
Additional information:	The product should be used taking the usual precautions for handling chemicals



**12. Ecological information**

No data required.

In the concentrations at hand an environmental threat is not to be expected.

The concentration of the substances in the reagent is so low that there is no need for declaration.

**13. Disposal considerations****Procedure of disposal:**

Follow the standard procedures for proper disposal of specimens

**14. Transport information**

<b>UN-transport identification ADR/RID:</b>	not subject
<b>Hazard category for transportation:</b>	not applicable
<b>Environmental risks:</b>	none
<b>Special information for the user:</b>	see chapter 6 to 8

**15. Regulations**

**This Product is for research use only, not for use in diagnostic and therapeutic procedures!**

**Labeling according to EC Directives:** no classification

**Risk (H) and safety (P) phrases:** not necessary

**National Regulations**

**Water hazard class:** WGK 0: not hazardous to water

**Chemical Safety Assessment:** not necessary

**16. Other information**

**Changes compared to revised version: ---**

The given information is based on the current state of knowledge but does not guaranty product performances and cannot be used as basis for legal disputes.

Material Safety Data Sheet issued by:

Mauracher  
Safety Officer Medical Device

Date of issue of the Material Safety Data Sheet: 06. January 2020