Safety data sheet

ClearBand GAPDH Antibody

Product name ClearBand GAPDH Antibody	Catalog no. AB002597
Synonyms Rabbit polyclonal anti-GAPDH antibody	Source SDS revision -
CAS no. -	Format version / date 3 / 25 October 2026

01 PRODUCT AND COMPANY IDENTIFICATION

Product identifier	ClearBand GAPDH Antibody
Product code	AB002597
CAS number	-
EC number	-
Recommended use	For research use only. Not intended for diagnostic or therapeutic use.
Supplier	EcoTech Biotechnology
Website	www.ecotechbiotech.com
Address	Universite Mah. İpekyolu Cad. Ata Teknokent Sitesi B Blok No: Z10 Yakutiye Erzurum Türkiye
Telephone	0090 544 327 34 97
SDS contact	info@ecotechbiotech.com
Emergency telephone	0090 544 327 34 97
Available	Monday-Saturday/08:00-20:00/GMT+3
Languages	Turkish/English
Outside these hours	Contact: info@ecotechbiotech.com

02 HAZARDS IDENTIFICATION

Classification	Not dangerous / not classified as hazardous under the preliminary mixture designation; final CLP classification to be confirmed.
Label elements	No GHS hazard label assigned under the preliminary classification.
Symbols / pictograms	None under the preliminary classification.
Signal word	None
Hazard statements	None assigned under the preliminary classification.
Precautionary statements - Prevention	Use standard laboratory protective gloves and eye protection.
Precautionary statements - Response	If exposed, rinse affected area and seek medical advice if symptoms occur.
Other hazards	Contains sodium azide 0.09%. Avoid contact with acids and heavy-metal plumbing; toxic hydrazoic acid and metal azides may form.

Composition & response

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03 COMPOSITION / INFORMATION ON INGREDIENTS

Product name	ClearBand GAPDH Antibody
Synonyms	Rabbit polyclonal anti-GAPDH antibody
Concentration	Antibody: 1 mg/mL
Formula	-
Molecular weight	-
Mixture statement	Rabbit polyclonal GAPDH antibody (1 mg/mL) in phosphate-buffered saline (PBS) containing sodium azide 0.09% (CAS 26628-22-8). Other buffer concentrations: No data available.

04 FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if easy to do. Seek medical attention if irritation persists.
Skin contact	Wash skin with soap and water. Remove contaminated clothing. Seek medical advice if irritation occurs.
Inhalation	Move to fresh air. Seek medical attention if discomfort or respiratory symptoms occur.
Ingestion	Rinse mouth. Do not induce vomiting. Seek medical advice if swallowed or if symptoms occur.
Self-protection of first aider	Avoid direct exposure; wear appropriate laboratory protective equipment.
Most important symptoms / effects	No mixture-specific symptom data available.
Notes to physicians	Treat symptomatically.

05 FIREFIGHTING MEASURES

Suitable extinguishing media	Use water spray, carbon dioxide (CO2), foam or dry chemical, as appropriate for the surrounding fire.
Unsuitable extinguishing media	No specific restriction known.
Special hazards arising from the substance or mixture	Thermal decomposition may generate irritating or toxic vapors; avoid inhalation of smoke.
Explosion data	Sensitivity to mechanical impact and static discharge: No data available.
Advice for firefighters	Wear protective clothing and self-contained breathing apparatus if required by the fire situation.

Safe use & protection

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06 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Avoid contact with skin and eyes. Wear gloves, laboratory coat and eye protection. Ensure adequate ventilation.
Environmental precautions	Do not discharge into drains; prevent accumulation of sodium azide in metal plumbing.
Methods and materials for containment and cleaning up	Absorb liquid using inert material and transfer to a suitable sealed chemical-waste container; clean affected surface.
Reference to other sections	For disposal guidance, see Section 13.

07 HANDLING AND STORAGE

Precautions for safe handling	For research use only. Avoid ingestion, inhalation of aerosols and prolonged skin contact. Keep away from acids and lead/copper plumbing.
Conditions for safe storage	Store at -20°C. Avoid repeated freeze-thaw cycles. Keep tightly closed in the original labelled container.
Container labeling	Label containers with product code and preservative information.

08 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

No occupational exposure limit established for this antibody mixture; sodium azide has substance-specific occupational limits in some jurisdictions.

8.2 Exposure controls

Engineering measures	Ensure adequate ventilation and use standard laboratory containment practices.
Hygiene measures	Do not eat, drink or smoke when handling. Wash hands after use.
Eye / face protection	Wear protective safety glasses; use splash protection as needed.
Hand protection	Wear suitable chemical-resistant protective gloves.
Skin and body protection	Wear a laboratory coat and closed-toe footwear.
Respiratory protection	Normally not needed for routine low-volume handling; use appropriate protection if aerosols could form.

Material properties

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09 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Liquid (antibody solution)
Odor	No data available
Odor threshold	No data available
pH	No data available
Melting point / freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper / lower flammability or explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Solubility(ies)	Aqueous PBS solution
Partition coefficient: n-octanol / water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

10 STABILITY AND REACTIVITY

Reactivity	Stable under recommended handling conditions; avoid incompatible reagents.
Chemical stability	Store at -20°C and avoid repeated freeze-thaw cycles.
Possibility of hazardous reactions	Sodium azide can form hydrazoic acid when contacted with strong acids and potentially explosive heavy-metal azides with certain metals.
Conditions to avoid	Acids, overheating and repeated freeze-thaw cycles.
Incompatible materials	Strong acids; lead, copper and related heavy-metal surfaces/salts.
Hazardous decomposition products	At elevated temperatures, nitrogen-containing decomposition gases may be released.

Health & environment

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11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	No mixture-specific test data available; sodium azide is acutely toxic as a pure substance.
Skin corrosion / irritation	May cause irritation upon contact; no mixture-specific study available.
Serious eye damage / eye irritation	May cause temporary eye irritation; no mixture-specific study available.
Carcinogenicity	No mixture-specific data available.
Reproductive toxicity	No mixture-specific data available.
STOT - SE	No mixture-specific data available.
STOT - RE	No mixture-specific data available.
Aspiration hazard	No mixture-specific data available.

11.2 Potential health effects

Ingestion: May be harmful if swallowed due to preservative; obtain medical advice.

Inhalation: Aerosol exposure may cause respiratory discomfort.

Skin: Contact may cause irritation.

Eyes: May cause irritation.

11.3 Additional information

Preservative: sodium azide 0.09%. Avoid contact with acids and heavy metals.

12 ECOLOGICAL INFORMATION

Ecotoxicity	No mixture-specific ecotoxicity data available; sodium azide should not be released uncontrolled into the environment.
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	No PBT/vPvB assessment available for the complete mixture.

13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Product	Dispose of as laboratory chemical waste in accordance with applicable regulations. Avoid discharge through copper/lead drains because of azide reactions.
Contaminated packaging	Dispose of contaminated packaging according to local chemical-waste requirements. Do not reuse.

Transport & reference

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14 TRANSPORT INFORMATION

Mode	UN no.	UN proper shipping name	Hazard class	Packing group	Environmental hazards
DOT (US)	N/A	Not regulated	N/A	N/A	N/A
IMDG	N/A	Not regulated	N/A	N/A	N/A
IATA	N/A	Not regulated	N/A	N/A	N/A

15 REGULATORY INFORMATION

Safety, health and environmental regulations / legislation	Mixture-specific REACH/CLP regulatory status has not been independently assessed; confirm against current applicable requirements.
Environmental hazards	No product-specific environmental classification assessment available.
Chemical safety assessment	No chemical safety assessment has been provided for the mixture.

16 OTHER INFORMATION

Key to abbreviations and acronyms

STOT-SE	Specific Target Organ Toxicity - Single Exposure
STOT-RE	Specific Target Organ Toxicity - Repeated Exposure
PBT	Persistent Bioaccumulative and Toxic
vPvB	very Persistent very Bioaccumulative and Toxic
ADR	European Agreement concerning the international carriage of Dangerous Goods by Road
CAS	Chemical Abstracts Service
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Code for Dangerous Goods
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Transport of Dangerous Goods by Rail
Classification review	Preliminary: not dangerous; DOT/IMDG/IATA not regulated. Confirm CLP classification and the 0.09% sodium azide formulation before issuance.