

Anti-CD40 [CL1673]

Catalog No.	Description
AM913-5M	6 ml of Prediluted Antibody
MU913-UC	1 ml of Concentrated Antibody
MU913-5UC	0.5 ml of Concentrated Antibody

Clone	Species	Ig Class
CL1673	Mouse	N/A

Intended Use

Analyte Specific Reagent. Analytical and performance characteristics are not established.

Specifications

This antibody stains CD40 in formalin-fixed, paraffin-embedded tissue sections by [Immunohistochemical](#) techniques.

Source and format

Mouse [Monoclonal Antibody](#) CD40 diluted in PBS, pH 7.6, containing 1% BSA and 0.09% sodium azide.

Storage

Store at 2-8°C; do not freeze. Do not use after expiration date on vial.

Precautions

This antibody contains no hazardous material at a reportable concentration according to U.S. 29 CFR 1910.1200, OSHA Hazard Communication Standard and EC Directive 91/155/EC. However, this product contains sodium azide, at concentrations of less than 0.1%. Sodium azide is not classified as a hazardous chemical at the product concentrations. However, toxicity information regarding sodium azide at product concentrations has not been thoroughly investigated. Sodium azide may react with lead or copper plumbing to form highly explosive metal azides. Upon disposal, flush with large volumes of water to prevent azide build-up in plumbing (1). For more information, a Safety Data Sheet (SDS) for sodium azide in pure form is available upon request. Dispose unused reagents according to Local, State and Federal Regulations. Wear suitable Personal Protective Equipment, do not pipette reagents by mouth, and avoid contact of reagents and specimens with skin and mucous membranes. If reagents or specimens come in contact with sensitive area, wash with copious amounts of water (2).

Refer to appropriate product inserts for instructions of use and safety information on detection reagents and other materials, which may be used with the antibody.

Quality Control

Each lot of this antibody is tested by Immunohistochemistry for Quality Control purposes. Refer to the BioGenex Quality Control Testing Conditions table for additional information.

BioGenex Quality Control Testing Conditions

Parameter	Conditions Used
Control Tissue	Tonsil, Renal cell cancer(RCC)
Tissue Type	Formalin-Fixed, Paraffin-Embedded tissue sections (FFPE)

Bibliography

- Center for Disease Control Manual. Guide: Safety Management, NO. CDC-22, Atlanta, GA. April 30, 1976 "Decontamination of Laboratory Sink Drains to Remove Azide Salts.
- Clinical and Laboratory Standards Institute (CLSI). Protection of Laboratory Workers from Occupationally Acquired Infections; Approved Guideline-Fourth Edition CLSI document M29-A4 Wayne, PA 2014.
- P. A. Kiener *et al.*, Stimulation of CD40 with purified soluble gp39 induces proinflammatory responses in human monocytes. *J. Immunol.* **155**, 4917–25 (1995).
- L. Mukundan *et al.*, TNF receptor-associated factor 6 is an essential mediator of CD40-activated proinflammatory pathways in monocytes and macrophages. *J. Immunol.* **174**, 1081–90 (2005).
- R. S. Kornbluth, K. Kee, D. D. Richman, CD40 ligand (CD154) stimulation of macrophages to produce HIV-1-suppressive beta-chemokines. *Proc. Natl. Acad. Sci. U. S. A.* **95**, 5205–10 (1998).

Category	Antibodies	Revision No.	B
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