CE
EC REP Emergo Europe, Westervoortsedijk 60, 6827 AT Arnhem, The Netherlands

Anti-Chromogranin A

Clone	Species	Ig Class
LK2H10	Mouse	IgG1, Kappa

Catalog No.	Description
	Manual
AM126-5M	6 ml of Ready-to-Use Antibody for use with BioGenex Super Sensitive™ Detection Systems
VM126-5M	6 ml of Ready-to-Use Plus Antibody
	Concentrated
MU126-UC	1 ml of Concentrated Antibody for use with BioGenex Super Sensitive™ Detection Systems
MU126-5UC	0.5 ml of Concentrated Antibody for use with BioGenex Super Sensitive™ Detection Systems
	Automation
AM126-10M	10 ml of Ready-to-Use Antibody in a barcode labeled vial for use with BioGenex Super Sensitive™ Detection Systems and i6000™ Automated Staining Systems
AX126-YCD	Ready-to-Use Antibody in Barcode labeled vial for use on the Xmatrx ®Elite Staining System, 160 tests
AX126-50D	Ready-to-Use Antibody in Barcode labeled vial for use on the Xmatrx ®Elite Staining System, 50 tests
AX126-4M	Ready-to-Use Antibody in Barcode labeled Vial for use on the NanoVip™ Staining System, 50 tests
AX126-10M	Ready-to-Use Antibody in Barcode labeled Vial for use on the NanoVip™ 300 Staining System, 100 tests

Recommended Detection Kits:
https://biogenex.com/ihc-detection-kits/

Antibody Incubation: 30-60 Min at RT

Control Tissue: Pancreas Tissue as available with Biogenex FB-126M* & FG-126M*
Recommended Dilution for Concentrated Antibody: 1:100-200 in HK156
Recommended Pretreatment: EZ-AR2 (HK522-XAK)

Intended Use

For In Vitro Diagnostic Use. This antibody is designed for the specific localization of human Secretory storage granules in formalin-fixed, paraffin-embedded (FFPE) tissue sections. Evaluation must be performed by a qualified pathologist.

Summary and Explanation

This antibody recognizes Chromogranin A (approximately 68 kDa) and related chromogranin polypeptides derived from human, monkey, and pig species. Chromogranin A exhibits a widespread distribution, with immunohistochemical studies demonstrating its presence across numerous elements of the diffuse neuroendocrine system. Notably, it has been identified in the anterior pituitary gland, thyroid parafollicular C cells, parathyroid chief cells, pancreatic islet cells, and intestinal enteroendocrine cells, as well as in tumors originating from these cellular types. The measurement of Chromogranin A levels has become an essential diagnostic tool in evaluating and managing neuroendocrine neoplasms.

Storage and Handling

Store at 2–8°C. Prepare fresh dilutions before use. Diluted solutions are stable for one day at room temperature and can be stored at 2–8°C or –20°C for longer periods. Avoid repeated freeze-thaw cycles.

Principles of the Procedure

IHC involves binding of a primary antibody to a target antigen, followed by visualization using a chromogenic detection system. The procedure can be manual or automated. Include appropriate positive and negative controls in each run.

Reagents Provided

Mouse Monoclonal Antibody to human Secretory storage granules is affinity purified and diluted in PBS, pH 7.2, containing 1% BSA and 0.09% sodium azide.

Precautions

Contains <0.1% sodium azide. Follow standard safety protocols. Wear appropriate PPE, avoid skin and mucous membrane contact, and do not pipette by mouth. Dispose of reagents per regulatory guidelines. SDS available on request.

Quality Control

Refer to BioGenex Detection System documentation for guidance on quality control, including recommended positive and negative controls.

Troubleshooting

For detection-related issues, consult the BioGenex Detection System documentation. For assistance, contact BioGenex Technical Support at 1-800-421-4149 or support@biogenex.com, or reach out to your local distributor.

Expected Results

This antibody shows cytoplasmic staining in positive cells in FFPE tissues. Refer to the BioGenex website for representative images. Result interpretation is the user's responsibility and should be confirmed with established diagnostic methods.

Limitations of the Procedure

1. Staining results may vary due to improper tissue processing, fixation, or tissue variability. Endogenous enzymes or biotin may cause non-specific staining. HBsAg-positive tissues may yield false positives with HRP systems. Poor counterstaining or mounting can affect interpretation.
2. Please choose the appropriate catalogs as per the Instrument, as per the Automation/ Manual staining process and as per the user validated protocols.

USA -48810 Kato Road, Suite 100E & 200E, Fremont, CA 94538, Tel: +1 (800) 421-4149, Fax: +1 (510) 824-1490, support@biogenex.com, www.biogenex.com.
INDIA -Manneguda, Hyderabad, Telangana-501510.

Bibliography:

1. Fisher-Colbrie R, et al. Neuroscience 16:547, 1985.
   DOI: https://doi.org/10.1016/0306-4522(85)90191-5
2. Hendy GN, et al. Clin Invest Med 18:47-65, 1995. DOI: https://www.nejm.org/doi/pdf/10.1056/NEJMra021405
3. O'Connor DT, et al. J Clin Endocrinol Metab 57:1084, 1983. DOI: https://doi.org/10.1210/jcem-57-5-1084

	Temperature Limitation		In Vitro Diagnostic Medical Device
	Use By Date		Batch Code
	Non-Sterile		Consult Instructions for Use
	Representative in the European Community		Manufacturer

© 2020, BioGenex Laboratories. All rights reserved.