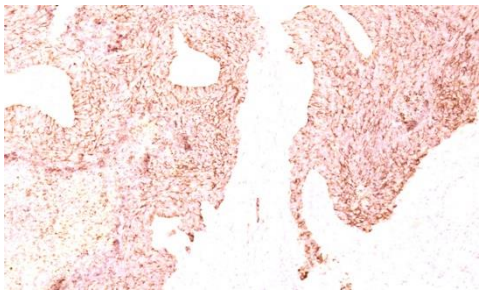
Chromogranin A clone LK2H10

Instructions for Use

Specification:
Chromogranin A is present in neuroendocrine cells throughout the body, including the neuroendocrine cells of the large and small intestine, adrenal medulla and pancreatic islets. It is an excellent marker for carcinoid tumors, pheochromocytomas, paragangliomas, and other neuroendocrine tumors. Co-expression of chromogranin A and neuron specific enolase (NSE) is common in neuroendocrine neoplasms. Reportedly, co-expression of certain keratins and chromogranin indicates neuroendocrine lineage. The presence of strong anti-chromogranin staining and absence of anti-keratin staining should raise the possibility of paraganglioma. The co-expression of chromogranin and NSE is typical of neuroendocrine neoplasms. Most pituitary adenomas and prolactinomas readily express chromogranin.

Availability:

Catalog No.	Contents	Volume
ILM1353-C01	Chromogranin A	0,1 ml concentrate
ILM1353-C05	Chromogranin A	0,5 ml concentrate
ILM1353-C1	Chromogranin A	1,0 ml concentrate



Intended use: For Research Use Only

Reactivity: Human, Monkey, Pig, Mouse and Rat.
Does not react with guinea pig, sheep & rabbit. Others not known

Clone: LK2H10

Species of origin: Mouse

Isotype: IgG_1/K

Control Tissue: Pancreas, adrenal gland, bowel, thyroid, or pheochromocytoma, PC12 cells

Staining: Cytoplasmic

Immunogen: Human pheochromocytoma

Presentation: Bioreactor Concentrate with 0.05% Azide
Ready-to-use; antibody diluted in tris buffered saline, pH 7.3-7.7, with protein base and preser4ved with sodium azide

Application and suggested dilutions:
Pretreatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, or in 50 mM Tris buffer pH9.5, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of cryostat tissue sections (dilution 1:800-1:1600)
- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution 1:800-1:1600)

The optimal dilution for a specific application should be determined by the investigator.

Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended.

Storage & Stability: Store at 2-8 °C. Do not use after expiration date printed on the vial.

References:

1) Bruke, *et. al.* Am J Surg Pathol 13: 828, 1989.
2) Delagi, *et. al.* Mol Cell Probe 3: 87, 1989.
3) Lloyd RV, *et. al.* Science, 1983, 222:628-30.