Chromogranin A monoclonal antibody

Catalog: MB66117 Host: Mouse Reactivity: Human

BackGround:

Chromogranin A (CHGA) and Chromogranin B (CHGB) are members of the chromogranin/secretogranin family of neuroendocrine secretory proteins. They reside in the secretory vesicles of neurons and endocrine cells and are debated to regulate cargo in the secretory pathway .

CHGA is also useful as a serological and immunohistological marker for the presence of neuroendocrine tumors (NETs) from various tissue sources. CHGA may also be useful for the assessment of disease progression .

Product:

Mouse IgG3. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.

Molecular Weight:

~ 50 kDa

Swiss-Prot:

P10645

Purification&Purity:

The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC (1/100 - 1/300)

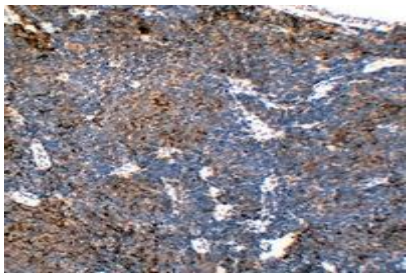
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

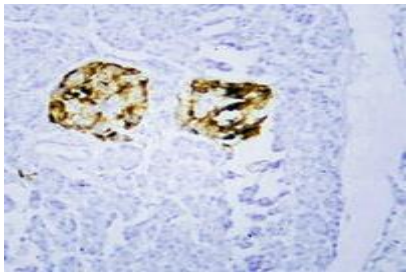
Specificity:

Recognizes endogenous levels of Chromogranin A protein.

DATA:



Immunohistochemical analysis of Chromogranin A staining in human small cell lung carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunohistochemical analysis of Chromogranin A staining in human pancreas formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

For research use only, not for use in diagnostic procedure.

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