

Carboxypeptidase A1/CPA1 Monoclonal Antibody

catalog number: AN200106P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

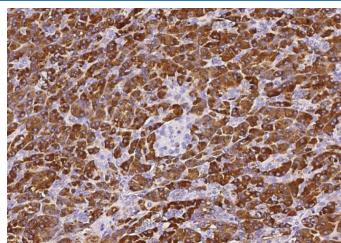
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|--------------|--|
| Reactivity | Human |
| Immunogen | Recombinant Human Carboxypeptidase A1 / CPA1 Protein |
| Host | Mouse |
| Isotype | IgG1 |
| Clone | A954 |
| Purification | Protein A |
| Buffer | 0.2 µm filtered solution in PBS |

Applications

Recommended Dilution

| | |
|-------|------------|
| IHC-P | 1:50-1:200 |
|-------|------------|

Data



Immunohistochemistry of paraffin-embedded human pancreas using Carboxypeptidase A1 / CPA1 Monoclonal Antibody at dilution of 1:60.

Preparation & Storage

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|----------|--|
| Storage | This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles. |
| Shipping | Ice bag |

Background

This gene encodes a member of the carboxypeptidase A family of zinc metalloproteases. This enzyme is produced in the pancreas and preferentially cleaves C-terminal branched-chain and aromatic amino acids from dietary proteins. This gene and several family members are present in a gene cluster on chromosome 4. Mutations in this gene may be linked to chronic pancreatitis, while elevated protein levels may be associated with pancreatic cancer.

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Toll-free: 1-888-852-8623

Web: www.elabscience.com

Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017

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