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Alpha-1-Antichymotrypsin Antibody (clone 1C10)

Mouse Monoclonal Antibody
Catalog # ALS14016

Specification

Alpha-1-Antichymotrypsin Antibody (clone 1C10) - Product Information

Application	**IHC**
Primary Accession	P01011
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**48kDa KDa**

Alpha-1-Antichymotrypsin Antibody (clone 1C10) - Additional Information

Gene ID 12

Other Names
Alpha-1-antichymotrypsin, ACT, Cell growth-inhibiting gene 24/25 protein, Serpin A3, Alpha-1-antichymotrypsin His-Pro-less, SERPINA3, AACT

Target/Specificity
Human SERPINA3

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions
Alpha-1-Antichymotrypsin Antibody (clone 1C10) is for research use only and not for use in diagnostic or therapeutic procedures.

Alpha-1-Antichymotrypsin Antibody (clone 1C10) - Protein Information

Name SERPINA3

Synonyms AACT

Function
Although its physiological function is unclear, it can inhibit neutrophil cathepsin G and mast cell chymase, both of which can convert angiotensin-1 to the active angiotensin-2.

Cellular Location
Secreted.

Tissue Location
Plasma. Synthesized in the liver. Like the related alpha-1-antitrypsin, its concentration increases in the acute phase of inflammation or infection. Found in the amyloid plaques from the hippocampus of Alzheimer disease brains.

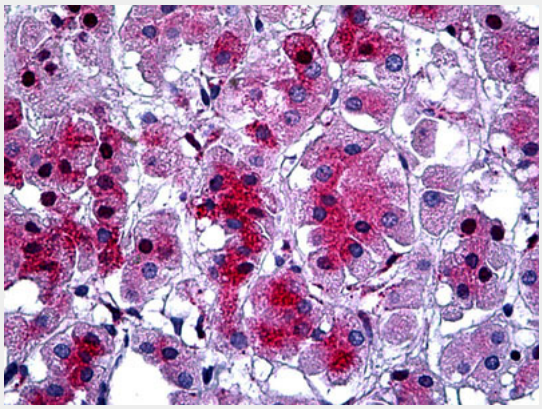
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Alpha-1-Antichymotrypsin Antibody (clone 1C10) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Alpha-1-Antichymotrypsin Antibody (clone 1C10) - Images



Anti-SERPINA3 antibody IHC of human adrenal.

Alpha-1-Antichymotrypsin Antibody (clone 1C10) - Background

Although its physiological function is unclear, it can inhibit neutrophil cathepsin G and mast cell chymase, both of which can convert angiotensin-1 to the active angiotensin-2.

Alpha-1-Antichymotrypsin Antibody (clone 1C10) - References

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Poller W.,et al.Genomics 17:740-743(1993).
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