

Anti-alpha 1 Antichymotrypsin Antibody [AACT/1451 + AACT/1452] (A277554)

Specifications:

Name:	Anti-alpha 1 Antichymotrypsin Antibody [AACT/1451 + AACT/1452]
Description:	Mouse monoclonal [AACT/1451 + AACT/1452] antibody to alpha 1 Antichymotrypsin.
Specificity:	It recognizes a protein of 65-76kDa, which is identified antichymotrypsin (AACT). AACT is a plasma protease inhibitor synthesized in the liver as a single glycopeptide chain. In human, the normal serum level of AACT is about one-tenth that of α 1-antitrypsin (AAT), with which it shares nucleic acid and protein sequence homology. Both are major acute phase reactants; their concentrations in plasma increase in response to trauma, surgery and infection. Elevated levels of AACT are widely, but not universally, reported in the cerebrospinal fluid and plasma of AD patients. Prostate-specific antigen (PSA) and its SDS-stable complex with AACT are in widespread use as markers for the diagnosis of prostate cancer. AACT deficiency may also be a possible cause of chronic liver disease. AACT antibody reacts with histiocytes and histiocytic neoplasms. It is widely used to identify histiocytes and tumors derived from them. Acinar tumors of the pancreas and salivary gland may also exhibit AACT positivity.
Applications:	IHC-P
Recommended Dilutions:	IHC-P: 1-2 μ g/ml
Reactivity:	Human
Immunogen:	Recombinant fragment, around amino acids 49-187, of human alpha 1 Antichymotrypsin. The exact sequence is proprietary.
Host:	Mouse
Clonality:	Oligoclonal
Clone ID:	AACT/1451 + AACT/1452
Isotype:	IgG1 + IgG1
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 μ g/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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Specifications continued:

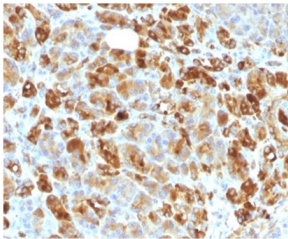
General Notes:

Please note, this product is an oligoclonal antibody; it is a cocktail of monoclonal antibodies that have been carefully selected. Oligoclonal antibodies not only have the specificity and batch-to-batch consistency of a monoclonal antibody, but they also have the advantage of the sensitivity of a polyclonal antibody due to their ability to recognize multiple epitopes on an antigen. This oligoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-alpha 1 Antichymotrypsin Antibody [AACT/1451 + AACT/1452] - BSA and Azide free (A278142).

Disclaimer:

This product is for research use only. It is not intended for diagnostic or therapeutic use.

Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human pancreas tissue using Anti-alpha 1 Antichymotrypsin Antibody [AACT/1451 + AACT/1452].