

MAC313Hu22

Monoclonal Antibody to Antithrombin (AT)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[**PRODUCT INFORMATION**]

Immunogen: Antithrombin, Human

Clonality: Monoclonal

Clone number: C2

Host: Mouse

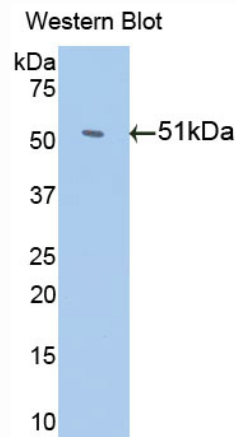
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 500µg/mL

UOM: 200µg



Sample: Recombinant Antithrombin, Human

[**IMMUNOGEN INFORMATION**]

Immunogen: Recombinant antithrombin (Asp159~Lys258) expressed in *E.coli*.

Accession No.: RPC313Hu01

Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHHSGSEF- HGSPVDIC TAKPRDIPMN PMCIYRSPEK KATEDEGSEQ
KIPEATNRRV WELSKANSRF ATTFYQHLAD SKNDNDNIFL SPLSISTAFA MTKLGACNDT
LQQLMEVFKF DTISEKTSQ IHFFFAKLNC RLYRKANKSS KLVSANRLFG DKSLTFNETY
QDISELVYGA KLQPLDFKEN AEQSRAAINK WWSNKTEGRI TDVIPSEAIN ELTVLVLVNT
IYFKGLWKSK FSPENRTEL FYKADGESCS ASMMYQEGKF RYRRVAEGTQ
VLELPFKGDD ITMVLILPKP EKSLAKVEKE LTPEVLQEWL DELEEMMLVV HMPRFRIEDG

FSLKEQLQDM GLVDLFSPEK SKLPGIVAEG RDDLYVSDAF HKAFLEVNEE GSEAAASTAV
VIAGRSLNPN RVTFKANRPF LVFIREVPLN TIIFMGRVAN PCVK

[ANTIBODY SPECIFICITY]

The antibody is a mouse monoclonal antibody raised against antithrombin. It has been selected for its ability to recognize antithrombin in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.