

Recombinant C5 Monoclonal Antibody

catalog number: **AN302014L**

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

Description

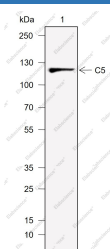
Reactivity	Human
Immunogen	Peptide. This information is proprietary to PTMab.
Host	Rabbit
Isotype	Rabbit IgG
Clone	C321635
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:1000
IHC	1:1000-1:2000

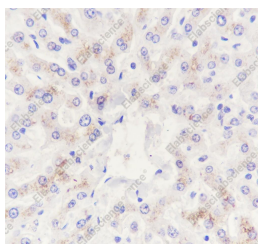
Data



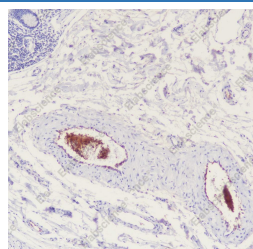
Western Blot with C5 Monoclonal Antibody at dilution of 1:1000. Lane 1: Human serum

Observed-MW:125 kDa

Calculated-MW:188 kDa



Immunohistochemistry of paraffin-embedded Human liver using C5 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human colon using C5 Monoclonal Antibody at dilution of 1:2000.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

C5 is synthesised in the liver as a single polypeptide chain. Before secretion the molecule is glycosylated and secreted into plasma as a 190kDa glycoprotein consisting of a disulphide linked alpha-chain (115kDa) and beta-chain (75kDa). C5 precursor is first processed by the removal of 4 basic residues, forming two chains, beta and alpha, linked by a disulfide bond. C5 convertase activates C5 by cleaving the alpha chain, releasing C5a anaphylatoxin and generating C5b (beta chain + alpha chain).

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