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**Product Name: C3 Rabbit Monoclonal Antibody****Catalog #: AMRe87723**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:200-1:2000
<b>Molecular Weight</b>	Calculated MW:187 kDa; Observed MW:187 kDa

**Antigen Information**

<b>Gene Name</b>	C3
<b>Alternative Names</b>	ASP; C3a; C3b; AHUS5; ARMD9; CPAMD1; HEL-S-62p
<b>Gene ID</b>	718
<b>SwissProt ID</b>	P01024
<b>Immunogen</b>	A synthetic peptide of human C3

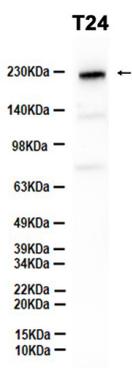
**Background**

Complement component C3 plays a central role in the activation of complement system. Its activation is required for both classical and alternative complement activation pathways. The encoded preproprotein is proteolytically processed to generate

alpha and beta subunits that form the mature protein, which is then further processed to generate numerous peptide products. The C3a peptide, also known as the C3a anaphylatoxin, modulates inflammation and possesses antimicrobial activity. Mutations in this gene are associated with atypical hemolytic uremic syndrome and age-related macular degeneration in human patients. [provided by RefSeq, Nov 2015]

## Research Area

## Image Data



Western blot analysis of extracts from T24 cells using C3 Rabbit Monoclonal Antibody at 1:1000.