

Rabbit anti-Human, Mouse Complement C3 Monoclonal Antibody | anti-C3 antibody

Complement C3 Rabbit PolymAb

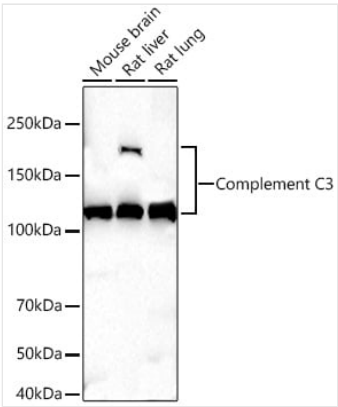
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283085	Rabbit	Human, Mouse	ELISA, Western Blot

PRODUCT SYNONYMS

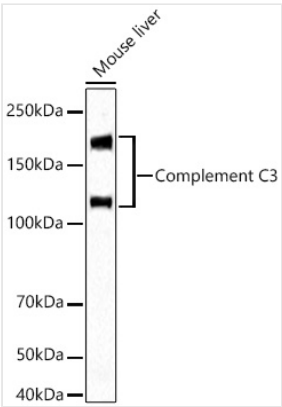
Complement C3; Monoclonal Antibody; Complement C3 Rabbit PolymAb; ASP; C3a; C3b; AHUS5; ARMD9; CPAMD1; HEL-S-62p; anti-C3 antibody

PRODUCT SPECIFICATIONS

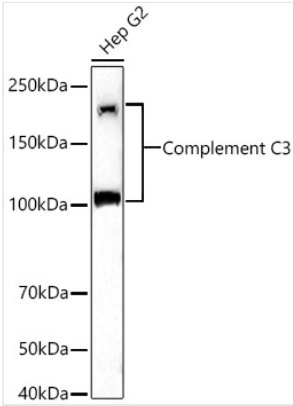
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	RVSIRPAPET AKKP EEAKNT MFLEICTKYL GDVDATMSIL DISMMTG FAP DTKDLELLAS GVDRIYSKYE MNKA FSNKNT LIIYLEKISH TEEDCLTFKV HQYFNVGLIQ PGSVKVYSYY NLEESCTRFY HPEKDDGMLS KLCHSEMCRC AEENCFMQQS QEKINLNVRL DKACEPGVDY VYKTEL TNIE LLDDFDEYTM TIQQVIKSGS DEVQAGQQRK FISHIKCRNA LKLQKGKKYL MWGLSSDLWG EKPNTSYIIG KDTWVEHWPE AEECQDQKYQ KQCEELGAFT ESMVVYGCPN
Applicable Applications for anti-C3 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1364-1663 of human/mouse Complement C3 (NP_033908.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.



WB (Western Blot)
Western blot analysis of various lysates using Complement C3 Rabbit PolymAb® (AAA283085) at 1:1000 dilution incubated overnight at 4?.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25 ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 60s.



WB (Western Blot)
Western blot analysis of lysates from Mouse liver using Complement C3 Rabbit PolymAb® (AAA283085) at 1:1000 dilution incubated overnight at 4?.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25 ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.



WB (Western Blot)
Western blot analysis of lysates from Hep G2 cells using Complement C3 Rabbit PolymAb® (AAA283085) at 1:1000 dilution incubated overnight at 4?.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25 ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 45s.

ADDITIONAL INFORMATION

Related Product Information for anti-C3 antibody	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.
Product Categories/Family for anti-C3 antibody	Signal Transduction; G protein signaling; G-Protein-Coupled ReceptorsGPCR; Immunology Inflammation; Cell Intrinsic Innate Immunity Signaling Pathway; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	152012784
NCBI GeneID	718/12266
UniProt Accession #	P01024; P01027
Molecular Weight	Calculated MW: 186kDa

UniProt Protein Name	Complement C3
UniProt Gene Name	C3
UniProt Synonym Gene Names	CPAMD1; ASP
UniProt Entry Name	CO3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/complement-c3-antibody-western-blot-elisa/283085>