

complement C3 (aa681-693) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3842a**Specification**

complement C3 (aa681-693) Antibody (internal region) - Product Information

Application	E
Primary Accession	P01024
Other Accession	NP_000055.2 , 718
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	187148

complement C3 (aa681-693) Antibody (internal region) - Additional Information**Gene ID** 718**Other Names**

Complement C3, C3 and PZP-like alpha-2-macroglobulin domain-containing protein 1, Complement C3 beta chain, C3-beta-c, C3bc, Complement C3 alpha chain, C3a anaphylatoxin, Acylation stimulating protein, ASP, C3adesArg, Complement C3b alpha' chain, Complement C3c alpha' chain fragment 1, Complement C3dg fragment, Complement C3g fragment, Complement C3d fragment, Complement C3f fragment, Complement C3c alpha' chain fragment 2, C3, CPAMD1

Dilution

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

complement C3 (aa681-693) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

complement C3 (aa681-693) Antibody (internal region) - Protein Information**Name** C3 {ECO:0000303|PubMed:2579379, ECO:0000312|HGNC:HGNC:1318}**Function**

Precursor of non-enzymatic components of the classical, alternative, lectin and GZMK complement

pathways, which consist in a cascade of proteins that leads to phagocytosis and breakdown of pathogens and signaling that strengthens the adaptive immune system.

Cellular Location

Secreted. [C3a anaphylatoxin]: Secreted

Tissue Location

Plasma..

complement C3 (aa681-693) Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

complement C3 (aa681-693) Antibody (internal region) - Images**complement C3 (aa681-693) Antibody (internal region) - Background**

This antibody is expected to recognize the C3 alpha chain and C3a anaphylatoxin,

complement C3 (aa681-693) Antibody (internal region) - References

IgG autoantibodies against deposited C3 inhibit macrophage-mediated apoptotic cell engulfment in systemic autoimmunity. Kenyon KD, Cole C, Crawford F, Kappler JW, Thurman JM, Bratton DL, Boackle SA, Henson PM. J Immunol. 2011 Sep 1;187(5):2101-11. PMID: 21813769