

Product Information

Anti-Complement C3
antibody produced in chicken,
affinity isolated antibody

Catalog Number **GW20073F**
Formerly listed as GenWay Catalog Number 15-288-20073F,
Complement C3 Antibody.

Storage Temperature Store at -20 °C

Synonyms: Complement component 3

Product Description

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently via its reactive thioester to cell surface carbohydrates or immune aggregates. Derived from proteolytic degradation of complement C3. C3a anaphylatoxin is a mediator of local inflammatory process. It induces the contraction of smooth muscle, increases vascular permeability, and causes histamine release from mast cells and basophilic leukocytes.

NCBI Accession number: NP_000055.1

Swiss Prot Accession number: P01024

Gene Information: Human .. C3 (718)

Immunogen: Recombinant protein Complement component 3

Immunogen Sequence: GI # 4557385, sequence 1 - 1663

The product is a clear, colorless solution in phosphate buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human

Tested Applications: ELISA, WB

Recommended Dilutions: Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining 1:200.

Note: Optimal concentrations and conditions for each application should be determined by the user.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

For continuous use, store at 2-8 °C for up to one week. For extended storage, store in -20 °C freezer in working aliquots. Repeated freezing and thawing, or storage in "frostfree" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

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