ALPHA DIAGNOSTIC INTERNATIONAL

Product Specification Sheet

Human Serum Complement Proteins

Cat # HC411-S Goat anti Human Complement 4 (anti-C4) polyclonal antibody, Aff. pure **SIZE**: 100 ug

Complement component 4 (C4), in humans, is a protein involved in the intricate complement system, originating from the human leukocyte antigen (HLA) system. It serves a number of critical functions in immunity, tolerance, and autoimmunity with the other numerous components. It is a crucial factor in connecting the recognition pathways of the overall system instigated by antibody-antigen (Ab-Ag) complexes to the other effector proteins of the innate immune response.

Source of Antigen

Immunogen: C4 protein

Uniprot: P0C0L5

Molecular Weight: 205 kDa

Form

The product is supplied as affinity purified antibody.

Storage

Short-term: unopened, undiluted vials for less than a week at 4°C.

Long-term: at –20°C or below in suitable aliquots after reconstitution. Do not freeze and thaw and store working, diluted solutions.

Stability: 6-12 months at –20°C or below.

Shipping: 4°C for solutions and room temperature for lyophilized items.

Recommended Usage

Western Blotting, ELISA, Histochemistry & Immunofluorescence

*This product is for in vitro research use only.

Related items available from ADI

Catalog#	Description
HC115-R-50	Human Complement C1 purified protein
HC1Q15-R-250	Human Complement C1q purified protein
HC215-R-50	Human Complement 2 (C2) purified protein
HC315-R-1	Human Complement 3 (C3) purified protein
HC3A15-R-25	Human Complement 3a (C3a) purified protein
HC3B15-R-100	Human Complement 3b (C3b) purified protein
HC3C15-R-100	Human Complement 3c (C3c) purified protein
HC411-R-100	Human Complement 4 (C4) Purified protein
HC411-S	Goat anti Human Complement 4 (C4) polyclonal antibody, affinity pure
HC615-R-100	Human Complement 6 (C6) Purified Protein
HC715-R-100	Human Complement 7 (C7) Purified Protein
HC815-R-100	Human Complement 8 (C8) Purified Protein
HC915-R-100	Human Complement 9 (C9) Purified Protein
HCFB15-R-100	Human Complement Factor B (CFB) Purified Protein
HCFD15-R-10	Human Complement Factor D (CFD) Purified Protein
HCFH15-R-50	Human Complement Factor H (CFH) Purified Protein
HCFI15-R-25	Human Complement Factor I (CFI) Purified Protein
HCFP15-R-25	Human Complement Factor P (CFP)

Affinity purified antibodies, antiserum, and ELISA Kits for the detection of various complement proteins in serum to human, mouse, monkey and other animals are also available from ADI

HC411-S 261007 171019AC

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