

Product Datasheet

C9 Antibody

Catalog No: CY5178

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC IP



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Information

UniProt ID: P02748

All Names: Complement component C9; Comple Complement component C9b; component C9a;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 70 kDa

Application

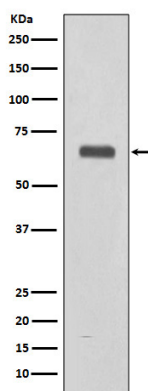
WB: 1:500~1:2000

IHC: 1:50~1:200

IP: 1:50

Background

C9 is synthesised in the liver and monocytes, and is a plasma protein consisting of a single polypeptide chain of molecular weight 71kDa. Normal plasma concentration is 60mg/L. C9 forms part of the membrane attack complex (MAC) the cytolytic terminal complex of the complement pathways. C9 binds to the membrane associated C5b-8, binding of C9 to C5b-8 leads to the circular polymerisation of 12-18 C9 molecules. This is the basis of the hydrophilic, protein-walled, trans-membrane channel formed by the MAC, which leads to cell lysis and destruction.



Western blot analysis of C9 expression in Human fetal liver lysate.

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