

# Rabbit anti-Human, Mouse Complement Component 4b (C4b) Polyclonal Antibody | anti-C4b antibody

Polyclonal Antibody to Complement Component 4b (C4b)

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                                                 |
|-----------|--------|--------------|------------------------------------------------------------------------------|
| AAA20120  | Rabbit | Human, Mouse | Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation |

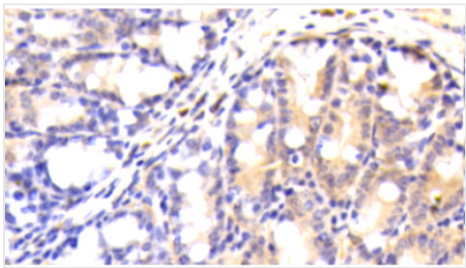
## PRODUCT SYNONYMS

Complement Component 4b (C4b); Polyclonal Antibody; Polyclonal Antibody to Complement Component 4b (C4b); anti-C4b antibody

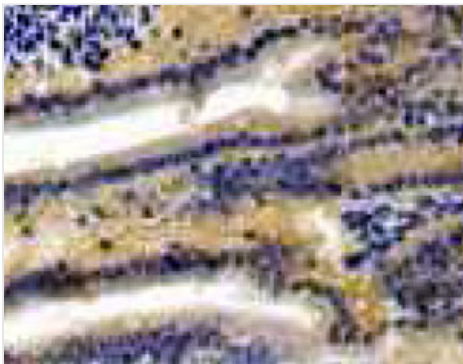
## PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Reactivity                                    | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Clonality                                     | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Purity/Purification                           | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Form/Format                                   | Supplied as solution form in PBS, pH7.4, containing 0.02% NaN <sub>3</sub> , 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Concentration                                 | 0.94mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-C4b antibody | WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation)                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Application Notes                             | Western blotting: 0.5-3ug/mL;<br>Immunohistochemistry: 5-30ug/mL;<br>Optimal working dilutions must be determined by end user.                                                                                                                                                                                                                                                                                                                                                                                                            |
| Source                                        | Polyclonal antibody preparation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Traits                                        | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Cross Reactivity                              | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Immunogen                                     | Recombinant C4B (Gln126~Ser366) expressed in E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Preparation and Storage                       | <p><b>Storage:</b><br/>Avoid repeated freeze/thaw cycles.<br/>Store at 4 degree C for frequent use.<br/>Aliquot and store at -20 degree C for 24 months.</p> <p><b>Stability Test:</b><br/>The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.</p> |

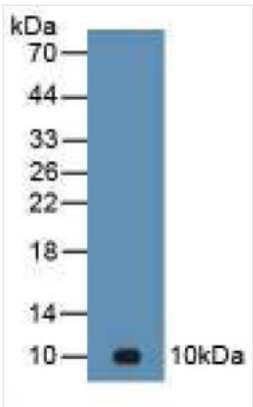
IMAGES



IHC (Immunohistochemistry)  
DAB staining on IHC-P;Samples: Mouse Colon Tissue;Primary Ab: 30ug/ml Rabbit Anti-Mouse C4a AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)  
DAB staining on IHC-P;Samples: Mouse Small intestine Tissue;Primary Ab: 30ug/ml Rabbit Anti-Mouse C4a AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog:



WB (Western Blot)  
Western Blot;Sample: Recombinant C4b, Mouse.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| NCBI GI #                        | 157951698                                                                      |
| NCBI GeneID                      | 12268                                                                          |
| NCBI Accession #                 | NP_033910.2                                                                    |
| NCBI GenBank Nucleotide #        | NM_009780.2                                                                    |
| UniProt Accession #              | P01029; O70346; Q31201; Q3TYY1; Q3TZC9; Q61372; Q61859; Q62353; Q6NWW8; E9QKK7 |
| NCBI Official Full Name          | complement C4-B                                                                |
| NCBI Official Synonym Full Names | complement component 4B (Chido blood group)                                    |
| NCBI Official Symbol             | C4b                                                                            |
| NCBI Official Synonym Symbols    | C4; Ss                                                                         |
| NCBI Protein Information         | complement C4-B                                                                |
| UniProt Protein Name             | Complement C4-B                                                                |
| UniProt Gene Name                | C4b                                                                            |
| UniProt Synonym Gene Names       | C4                                                                             |

**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/polyclonal/complement-component-4b-c4b-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunoprecipitation-elisa/20120>