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Datasheet for ABIN1713469

## anti-Complement C3d antibody (AA 1002-1100)

### Overview

Quantity:	100 µL
Target:	Complement C3d (C3d)
Binding Specificity:	AA 1002-1100
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Complement C3d antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Complement C3d fragment
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by Protein A.

### Target Details

Target:	Complement C3d (C3d)
Alternative Name:	Complement C3d fragment ( <a href="#">C3d Products</a> )

## Target Details

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**Background:** Synonyms: Acylation stimulating protein, ASP, C3, C3a anaphylatoxin, Complement C3 alpha chain, Complement C3, Complement C3 precursor, Complement component 3, Complement component C3, Complement factor 3, Plp, Complement C3d fragment, CO3\_HUMAN.

Background: The complement factor C3 consists of an alpha and a beta chain. C3 is a central factor in the complement cascade. It is central to the alternative pathway that leads to the C3 convertase C3bBb. The classical mannose binding lectin activation pathway leads to the C3 convertase C4b2a. These convertases cleave C3 resulting in C3a and C3b. Further degradation leads to the formation of the alpha chain products C3d, C3g and C3c. C3 is an acute phase protein that is produced by a wide range of tissues, including renal epithelial cells and hepatocytes.

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**Gene ID:** 718

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**UniProt:** [P01024](#)

## Application Details

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**Application Notes:** WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** 4 °C,-20 °C

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**Storage Comment:** Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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## Handling

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Expiry Date: 12 months