bs-4877R

- DATASHEET -

[Primary Antibody]

Complement C3d fragment Rabbit pAb



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DATASHELT		
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human (predicted: Mouse.
GenelD: 718	SWISS: P01024	Rat)
Target: Complement C	3d fragment	
Immunogen: KLH conjugated synthetic peptide derived from human Complement C3d fragment: 1002-1100/1663.		Predicted MW.: 33/109/181 kDa
Purification: affinity purified by Protein A		Subsellular
Concentration: 1mg/ml		Location: Secreted
Storage: 0.01M TBS (pH Glycerol. Shipped at 4°C. freeze/thaw cyc	7.4) with 1% BSA, 0.02% Proclin300 and 50% . Store at -20°C for one year. Avoid repeated cles.	
Background: The compleme C3 is a central f alternative path classical mann C3 convertase (and C3b. Furth chain products is produced by cells and hepat	nt factor C3 consists of an alpha and a beta chain. factor in the complement cascade. It is central to the hway that leads to the C3 convertase C3bBb. The ose binding lectin activation pathway leads to the C4b2a. These convertases cleave C3 resulting in C3a er degradation leads to the formation of the alpha C3d, C3g and C3c. C3 is an acute phase protein that a wide range of tissues, including renal epithelial cocytes.	

- VALIDATION IMAGES -



Sample: Lane 1: Human HepG2 cell lysates Lane 2: Human U87MG cell lysates Lane 3: Human A431 cell lysates Lane 4: Human HeLa cell lysates Lane 5: Human A549 cell lysates Primary: Anti-Complement C3d fragment (bs-4877R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 33/109/187 kDa Observed band size: 75 kDa

- SELECTED CITATIONS -------

• [IF=4.4] Anna S. Usoltseva. et al. Role of LIPIN 1 in regulating metabolic homeostasis in the retinal pigment epithelium. FASEB J. 2024 Dec;38(24):e70249 IF ;Mouse. 39673553