

**MOUSE ANTI-HUMAN COMPLEMENT C3B-beta  
MONOCLONAL ANTIBODY**

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<b>CATALOG NUMBER:</b>	CBL190	<b>QUANTITY:</b>	50 µg
<b>LOT NUMBER:</b>			
<b>CLONE NAME:</b>	H11	<b>HOST/ISOTYPE:</b>	Ms IgG1
<b>SPECIFICITY:</b>	This antibody recognizes a determinant present on native (circulating) C3 and on the fragments C3b and C3c. The antibody is directed to a determinant present on the beta-chain of the C3 molecule (Western blot). It does not react with the anaphylatoxin C3a or the fragment C3d and does not inhibit the haemolytic function of C3.		
<b>IMMUNOGEN:</b>	Human complement component C3		
<b>APPLICATIONS:</b>	The antibody allows demonstration of C3 deposition in tissue or on cells. It should be used in combination with an additional antibody to the C3 alpha chain (positive control) and an antibody to a determinant on C3a (negative control). Activated, deposited C3b bears the C3b alpha chain and beta chain determinants but not the C3a determinants, whereas ubiquitous or non-specifically absorbed C3 is still C3a-positive  The antibody is useful for immunopathological assays (demonstration of C3 deposition in biopsies) and for research purposes  Suitable for frozen sections  Western blotting  <i>Optimal working dilutions must be determined by the end user.</i>		
<b>SPECIES REACTIVITY:</b>	Reacts with Human. Reactivity with other species has not been determined.		
<b>FORMAT:</b>	Purified by Protein-A affinity chromatography.		
<b>PRESENTATION:</b>	The monoclonal is presented as 50 µg of lyophilised material. Reconstitute with 1 mL distilled water. We recommend that each laboratory determine an optimum working titer for use in its particular application.		
<b>STORAGE/HANDLING:</b>	For use within 1 month of purchase store at +4°C, for long term storage aliquot antibody into small volumes and store at -20°C.		
<b>REFERENCES:</b>	Burger, R. et al. (1987). Clin. Exp. Immunol. 68:703-11.  Sugita, K. et al. (1987). Transplantation 43:570-74.		

**Important Note:** *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

***For research use only; not for use as a diagnostic.***

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.

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