



## PRODUCT DATA SHEET

**Product:** Anti-C3d receptor CR2 (CD21), clone 4C5

**Cat. No.:** MC-869 (50 µg)

**Background:**

**Specificity:**

Reacts with the 140 kDa human CD21 molecule, which is expressed at moderate density on mature B-cells and at high density on follicular dendritic cells.

**Species Reactivity:**

Human. Others not tested.

**Ig Isotype:**

Mouse IgG<sub>2a</sub>

**Hybridoma:**

Lymph node cells from immunized BALB/c mice fused with SP2/0 mouse myeloma cells.

**Format:**

1 mL vial (>200 test) containing 0.22 µm filtered monoclonal antibody in serum free culture medium with 0.1% sodium azide with protein stabilizer. The concentration of the antibody is 50 µg/mL.

**Storage:**

Store at 4°C short term, -20°C or below long term. Aliquot to avoid freeze/thaw cycles.

**Applications and Suggested Dilutions:**

- Indirect immunofluorescence
- Immunohistochemistry: Use on frozen sections, air dried, or acetone-fixed cells at a dilution of 1:20.

The optimal dilution for a specific application should be determined by the researcher.

**Limitations:**

For *in vitro* research use only. Not for use in diagnostics or in humans.

**Warranty:**

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.