



## PRODUCT DATA SHEET

**Product:** Decay Accelerating Factor (DAF), clone MEM-118

**Cat. No:** MC-275 (1 ml)

**Background:**

In accord with its role in protecting tissues from complement mediated lysis, the antigen CD55 is broadly distributed among cells in contact with serum, including both haematopoietic and non-haematopoietic cells. An acquired disorder, PNH which leads to bouts of haemolysis, is at least partially caused by a deficiency of CD55 and CD59 as a result of defects in GPI anchor biosynthesis.

**Specificity:**

Reacts with the CD55 antigen, decay accelerating factor (DAF, GPI-linked, 70 kDa).

**Species Reactivity:**

Human, others not tested.

**Ig Isotype:**

Murine IgM

**Format:**

1ml diluted ascites in PBS with 0.1% sodium azide.

**Storage and Stability:**

Stable for 2 months when stored at 4°C, stable for 1 year when stored at -20°C.

**Applications and Suggested Dilutions:**

- Flow Cytometry: approximate working dilution 1:10.
- Immunoprecipitation: approximate working dilution 1:10.
- Western blot: (non-reduced) approximate working dilution 1:10.

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.