



## PRODUCT DATA SHEET

**Product:** Anti-MFG-E8 mAb, clone 2422

**Cat. No.:** MC-344 (100 µg)

**Synonyms:**

Anti-Milk Fat Globule-EGF Factor 8, anti-MFGM, anti-Sperm Surface Protein SP47, anti-MP47, anti-Lactadherin (precursor)

**Specificity:**

Recognizes mouse MFG-E8.

**Ig Isotype:**

Hamster Ig

**Species Reactivity:**

Mouse. Others not tested.

**Immunogen:**

Thioglycollate-elicited mouse peritoneal macrophages.

**Format:**

100 µg of liquid purified monoclonal antibody at 1 mg/mL in PBS containing 0.02% sodium azide.

**Purity:**

≥95% by SDS-PAGE.

**Storage:**

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

**Applications:**

- Flow cytometry
- Immunoprecipitation
- Functional application: agonistic; increases uptake of apoptotic cells by macrophages and enhances internalization of exosomes by dendritic cells.

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.