



## PRODUCT DATA SHEET

**Product:** Anti-CD13, clone WM15

**Cat. No.:** MC-247 (100 µg)

**Specificity:**

The antibody recognizes the human CD13 cell surface glycoprotein, a 150 kDa protein expressed by granulocytes and monocytes, and by myeloid leukemia cells. CD13 functions as an amino-peptidase enzyme and is also a receptor for coronavirus.

**Species Reactivity:**

Human. Other species not tested.

**Ig Isotype:**

Mouse IgG<sub>1</sub>

**Format:**

100 µg of purified antibody in PBS containing 15 mM sodium azide, pH 7.4. The concentration is 1 mg/mL.

**Storage:**

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

**Applications and Suggested Dilutions:**

- Flow cytometry
- Immunoprecipitation
- Immunohistochemistry (frozen sections)
- ELISA
- Functional application: Inhibits infection of cells by human coronavirus and inhibits amino-peptidase N activity of the CD13 molecule immunoprecipitates.

It is recommended that users test the reagent and determine their own optimal dilutions.

**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.