

TECHNICAL DATA SHEET

CyFlow™ FOLR2 PE Anti-Hu; Clone EM-35

REF **AZ860901**

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Specifications

Antigen	FOLR2
Alternative Names	—
Clone	EM-35
Clonality	monoclonal
Format	PE
Host / Isotype	Mouse / IgG1
Species Reactivity	Human
Negative Species Reactivity	Mouse
Quantity [Concentration]	0.1 mg [0.1 mg/ml]
Immunogen	BW5147 α , β - cells

Specificity

The mouse monoclonal antibody EM-35 recognizes FOLR2 antigen, a 30-40 kDa cell surface protein serving as a receptor for folic acid.

Contact Information:

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Application

The reagent is designed for Flow Cytometry analysis. Working concentrations should be determined by the investigator.

Other usages may be determined from the scientific literature.

Storage Buffer

The reagent is provided in stabilizing phosphate buffered saline (PBS) solution, pH \approx 7.4, containing 0.1% (w/v) sodium azide.

Storage and Stability

Storage	Avoid prolonged exposure to light. Store in the dark at 2-8°C. Do not freeze.
Stability	Do not use after expiration date stamped on vial label.

Background Information

FOLR2 (folate receptor β) is a cell surface protein that was originally thought to be specific for placenta, but it can be also expressed in other tissues, including hematopoietic cells. Its expression is increased in malignant tissues. FOLR2 may play a role in the transport of methotrexate in synovial macrophages in rheumatoid arthritis patients. FOLR2 is a marker for macrophages generated in the presence of M-CSF (M2), including M2-like tumor-associated macrophages, which exert potent immunosuppressive functions within the tumor environment, but not GM-CSF (M1), and whose expression correlates with increased folate uptake ability.

References

- Unpublished.

The Safety Data Sheet for this product is available at www.sysmex-partec.com/services.

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