

Anti-FOLR2 Purified Monoclonal Antibody

Catalog Number: M04574

About FOLR2

FOLR2 (folate receptor beta) 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.

Overview

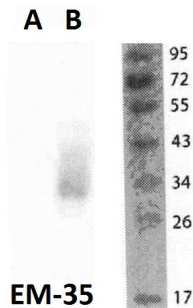
Product Name	Anti-FOLR2 Purified Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-FOLR2 Purified Monoclonal Antibody (Catalog# M04574). Tested in Flow Cytometry, IP, WB, ICC application(s). This antibody reacts with Human.
Application	Flow Cytometry, IP, ICC, WB
Clonality	Monoclonal EM-35
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	P14207

Technical Details

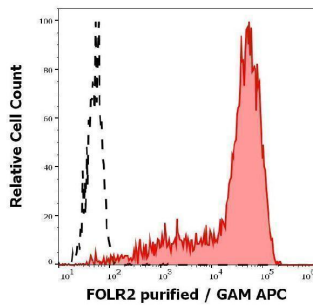
Immunogen	BW5147alpha,beta- cells. The mouse monoclonal antibody EM-35 recognizes an extracellular epitope on FOLR2, a 30-40 kDa cell surface protein serving as a receptor for folic acid.
Predicted Reactive Species	Primate
Cross Reactivity	This antibody does not cross-react with Thy-1.1 alloantigen.
Isotype	Mouse IgG1
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by protein-A affinity chromatography.
Suggested Dilutions	Western blotting: Non-reducing conditions.

Flow cytometry: 1-4 µg/ml

Anti-FOLR2 Purified Monoclonal Antibody (M04574) Images



Western blotting analysis of FOLR2 in THP1 cells (A) and FOLR2-transfected THP1 cells (B) using anti-FOLR2 (EM-35) purified.



Separation of FOLR2 transfected BW5147 cells stained using anti-FOLR2 (EM-35) purified antibody (concentration in sample 4 µg/ml, GAM APC, red-filled) from FOLR2 transfected BW5147 cells unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (surface staining).

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