

For Research Use Only

Mouse FOLR2 Polyclonal antibody, PBS Only

Catalog Number: 34328-1-PBS



Basic Information

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| Catalog Number: 34328-1-PBS | GenBank Accession Number: NM_008035.2 | Purification Method: Antigen affinity Purification |
| Size: 100ug , Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 14276 | |
| Source: Rabbit | UNIPROT ID: Q05685 | |
| Isotype: IgG | Full Name: folate receptor 2 (fetal) | |
| Immunogen Catalog Number: EG7561 | Calculated MW: 29 kDa | |
| | Observed MW: 30 kDa | |

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
mouse, rat

Background Information

Folate receptor beta (FOLR2, also known as FR- β) is a glycosylphosphatidylinositol (GPI)-anchored cell surface folate-binding protein that mediates high-affinity uptake of reduced folates and folate conjugates. In mice, Folr2 is predominantly expressed in subsets of tissue-resident macrophages and monocyte/macrophage-lineage cells, rather than in most epithelial compartments. It is particularly enriched in alternatively activated (M2-like) macrophages, tumor-associated macrophages (TAMs), and macrophage populations associated with tissue remodeling, immune regulation, and chronic inflammation. Through facilitating folate internalization and reflecting a specialized macrophage activation state, FOLR2 is widely used as a marker for immunoregulatory macrophages in contexts such as tumor microenvironment, fibrosis, wound healing, and inflammatory disease.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

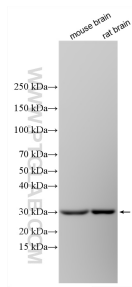
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 34328-1-AP (FOLR2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 34328-1-PBS in a different storage buffer formulation.