

Anti-FOLH1(PSMA) hIgG1 Reference Antibody(Rosobio)

Product Information

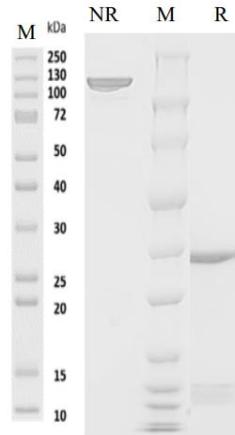
Product Name	Anti-FOLH1(PSMA) hIgG1 Reference Antibody(Rosobio)
Storage temp.	Store at 2-8°C short term (1-2 weeks).Store at ≤ -20°C long term. Avoid repeated freeze-thaw.
Catalog# / Size	GM-87705MAB-1mg / 1 mg GM-87705MAB-5mg / 5 mg GM-87705MAB-25mg / 25 mg GM-87705MAB-50mg / 50 mg GM-87705MAB-100mg / 100 mg

Antibody Information

Expression System	CHO
Aggregation	< 5% as determined by SEC-HPLC
Purity	> 95% as determined by SDS-PAGE
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay
Sterility	0.2 μm Filtered
Target	FOLH1
Clone	Rosopatamab
Alternative Names	FGCP, FOLH, GCP2, GCPII, NAALAD1, PSM, PSMA, mGCP
Source/Isotype	Human IgG1, Kappa
Application	Flow cytometry
Description	The FOLH1 gene (full name: Folate Hydrolase 1) encodes a type II transmembrane glycoprotein belonging to the M28 peptidase family, commonly referred to as Prostate-Specific Membrane Antigen (PSMA). The FOLH1 gene plays a significant role in folate metabolism, neurotransmitter regulation, and cancer biology. Mutations in this gene may lead to metabolic disorders and disease development, while its high expression in prostate cancer makes it a critical target for diagnosis and treatment. Future research will further explore its potential applications in metabolic diseases, neurological disorders, and oncology.
Formulation	phosphate-buffered solution, pH 7.4.

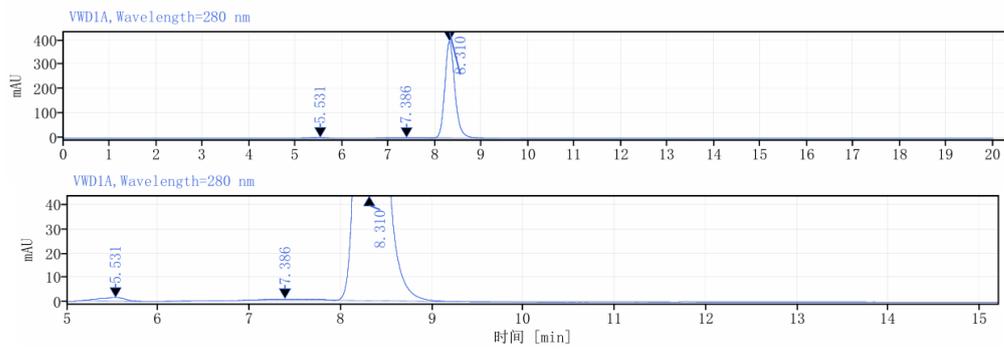
Data Examples

SDS-PAGE



On SDS-PAGE under reducing (R)/non-reducing(N-R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

SEC-HPLC



The purity of this product is more than 95% verified by SEC-HPLC

Data Examples

Flow cytometry

H_FOLH1(PSMA) HEK-293 Cell Line (Catalog # GM-C26312) was stained with Anti-FOLH1(PSMA) hIgG1 Reference Antibody(Rosobio) (Catalog # GM-87705MAB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.

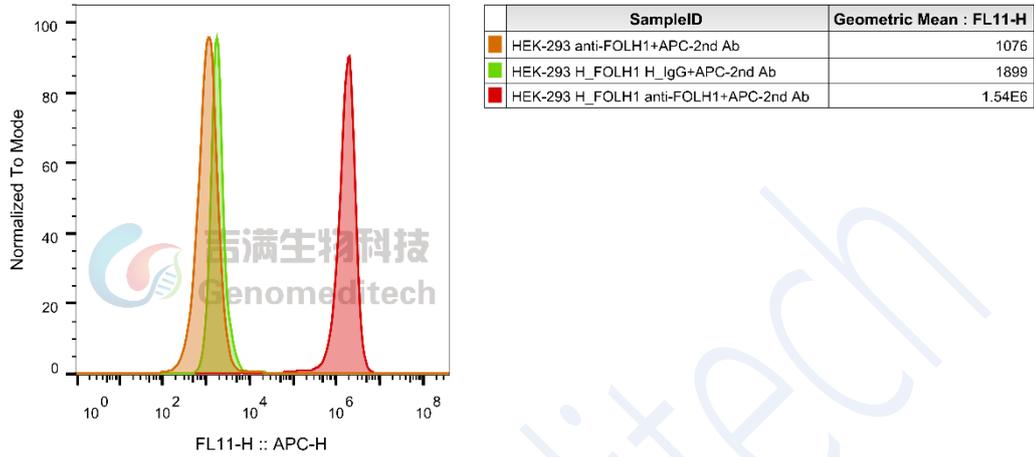


Fig. FACS