

Product datasheet for **TA310408**

DHFR Rabbit Monoclonal Antibody [Clone ID: EPR5285]

Product data:

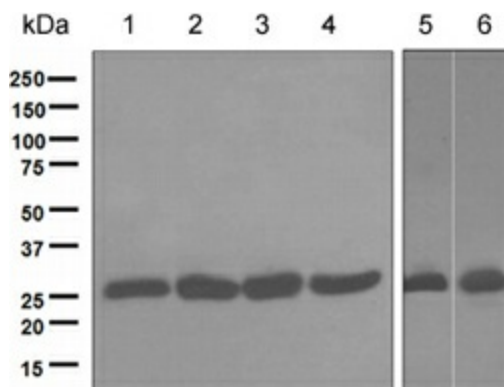
Product Type:	Primary Antibodies
Clone Name:	EPR5285
Applications:	IHC, WB
Recommended Dilution:	WB: 1:10000 - 1:50000; IHC-P: 1:100 - 1:250; ICC: 1:25 - 1:50
Reactivity:	Mouse, Rat, Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide corresponding to residues in human DHFR was used as an immunogen.
Formulation:	pH: 7.40 Preservative: 0.01% Sodium azide Constituents: 50% Glycerol, 0.05% BSA
Purification:	Tissue culture supernatant
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	21 kDa
Gene Name:	dihydrofolate reductase
Database Link:	NP_000782 Entrez Gene 13361 Mouse Entrez Gene 24312 Rat Entrez Gene 1719 Human P00374
Background:	Dihydrofolate reductase (DHFR) converts dihydrofolate into tetrahydrofolate, a methyl group shuttle required for the de novo synthesis of purines, thymidylic acid, and certain amino acids. DHFR deficiency has been linked to megaloblastic anemia (1).
Synonyms:	DHFRP1; DYR
Note:	Is unsuitable for Flow Cyt or IP.
Protein Families:	Druggable Genome, Stem cell - Pluripotency



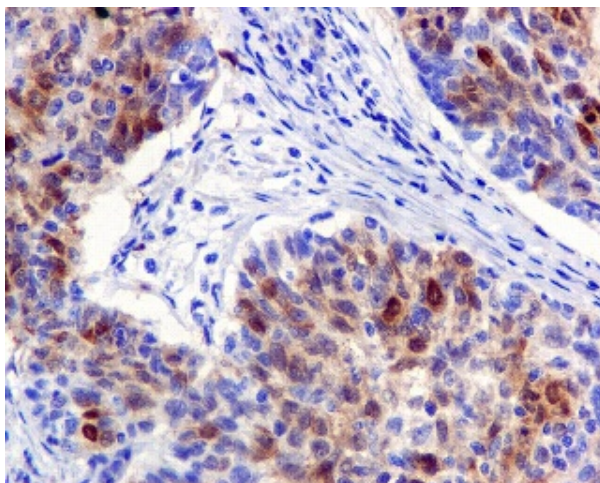
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Protein Pathways: Folate biosynthesis, Metabolic pathways, One carbon pool by folate

Product images:



Western blot - Anti-Dihydrofolate reductase (DHFR) antibody [EPR5285]; All lanes : Anti-Dihydrofolate reductase (DHFR) antibody [EPR5285] at 1/10000 dilution. Lane 1 : HeLa cell lysates. Lane 2 : Jurkat cell lysates. Lane 3 : Y-79 cell lysates. Lane 4 : 293T cell lysates. Lane 5 : Mouse spleen lysates. Lane 6 : Rat kidney lysates. Lysates/proteins at 10 ug per lane. Predicted band size : 21 kDa.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Dihydrofolate reductase (DHFR) antibody [EPR5285]; TA310408 at 1/100 dilution, staining Dihydrofolate reductase (DHFR) in paraffin-embedded Human cervical carcinoma tissue by Immunohistochemistry.