

DHFR Antibody

Catalog No: #32336

Package Size: #32336-1 50ul #32336-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

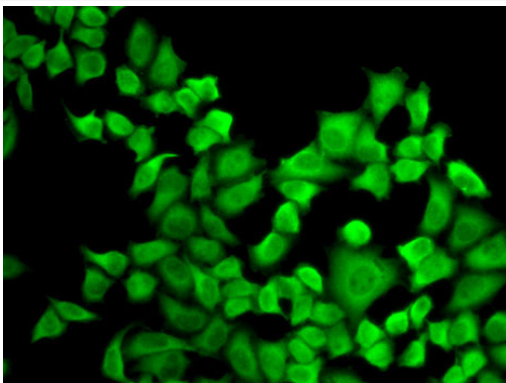
Description

Product Name	DHFR Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total DHFR protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human DHFR.
Target Name	DHFR
Other Names	DYR; DHFRP1;
Accession No.	Swiss-Prot:P00374NCBI Gene ID:1719
Uniprot	P00374
GeneID	1719;
SDS-PAGE MW	21KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

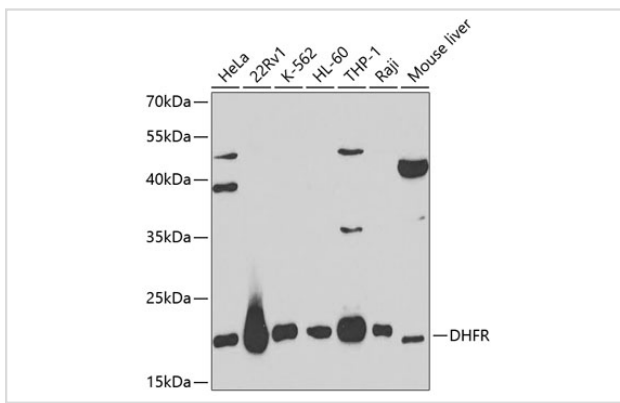
WB □ 1:500 - 1:2000IF □ 1:50 - 1:200

Images



Immunofluorescence analysis of A-549 cells using DHFR .

Western blot analysis of extracts of various cell lines, using DHFR at 1:1000 dilution.



Background

Dihydrofolate reductase converts dihydrofolate into tetrahydrofolate, a methyl group shuttle required for the de novo synthesis of purines, thymidylic acid, and certain amino acids. While the functional dihydrofolate reductase gene has been mapped to chromosome 5, multiple intronless processed pseudogenes or dihydrofolate reductase-like genes have been identified on separate chromosomes. Dihydrofolate reductase deficiency has been linked to megaloblastic anemia.

Note: This product is for in vitro research use only