

DHFR recombinant antibody

DHFR Antibody

CATALOG # AAA243881	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunoprecipitation, Immunohistochemistry, Western Blot, ELISA
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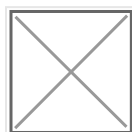
PRODUCT SYNONYMS

DHFR; Monoclonal Recombinant Antibody; DHFR Antibody; Dihydrofolate reductase (EC 1.5.1.3); DHFR recombinant antibody

PRODUCT SPECIFICATIONS

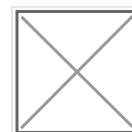
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	9B2
Purity/Purification	Affinity-chromatography
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, PH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for DHFR recombinant antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Antibody Type	Recombinant Antibody
Conjugation	Non-conjugated
Immunogen	A synthesized peptide derived from human DHFR
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitating DHFR in Hela whole cell lysate Lane 1: Rabbit control IgG instead of in Hela whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000) Lane 2: Hela whole cell lysate?500ug? Lane 3: Hela whole cell lysate (10ug)



IHC (Immunohistochemistry)

IHC image diluted at 1:100 and staining in paraffin-embedded human liver cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



IHC (Immunohistochemistry)

IHC image diluted at 1:100 and staining in paraffin-embedded human breast cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



WB (Western Blot)

Western BlotPositive WB detected in: Hela whole cell lysate, Jurkat whole cell lysate, K562 whole cell lysate, Raji whole cell lysate, 293T whole cell lysate, Rat heart tissue, Mouse kidney tissue, Mouse liver tissueAll lanes: DHFR antibody at 1:2000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 22, 16 kDaObserved band size: 22 kDa

ADDITIONAL INFORMATION

Related Product Information for DHFR recombinant antibody	Key enzyme in folate metabolism. Contributes to the de novo mitochondrial thymidylate biosynthesis pathway. Catalyzes an essential reaction for de novo glycine and purine synthesis, and for DNA precursor synthesis. Binds its own mRNA and that of DHFR2.
Product Categories/Family for DHFR recombinant antibody	Cancer ; Cell biology ; Metabolism ; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	118992
NCBI GeneID	1719
UniProt Accession #	P00374 ; Q14130 ; Q6IRW8 ; B4DDD2
Molecular Weight	187
NCBI Official Full Name	Dihydrofolate reductase
NCBI Official Synonym Full Names	dihydrofolate reductase
NCBI Official Symbol	DHFR
NCBI Official Synonym Symbols	DYR; DHFRP1
NCBI Protein Information	dihydrofolate reductase
UniProt Protein Name	Dihydrofolate reductase
UniProt Gene Name	DHFR
UniProt Entry Name	DYR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/dhfr-recombinant-antibody-clone-9b2-immunoprecipitation-immunohistochemistry-western-blot-elisa/243881>