

Mouse DHFR Monoclonal Antibody | anti-DHFR antibody

DHFR antibody

CATALOG # AAA106533	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
-------------------------------	----------------------	---

PRODUCT SYNONYMS

DHFR; Monoclonal Antibody; DHFR antibody; Monoclonal DHFR; Anti-DHFR; Dihydrofolate reductase; DHFRP1; anti-DHFR antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	6G7
Purity/Purification	DHFR antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	173
Applicable Applications for anti-DHFR antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	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.
Cross-Reactivity	Human, Monkey, Dog
Immunogen	DHFR antibody was raised in mouse using a protein expressed in 293T cell transfected with human DHFR expression vector as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of DHFR protein in paraffin embedded Carcinoma of Human kidney tissue using DHFR antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant DHFR protein (Right) or empty vector (Left) detected with DHFR antibody

ADDITIONAL INFORMATION

Related Product Information for anti-DHFR antibody	Mouse monoclonal DHFR antibody
--	--------------------------------

Product Categories/Family for anti-DHFR antibody

Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #

113073431

NCBI Official Full Name

DHFR

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/dhfr-antibody-clone-6g7-western-blot-immunohistochemistry-immunofluorescence-elisa/106533>