

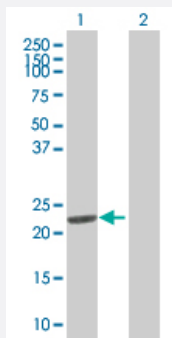
MaxPab®

DHFR MaxPab mouse polyclonal antibody (B01)

Catalog # H00001719-B01

Size 50 uL

Applications

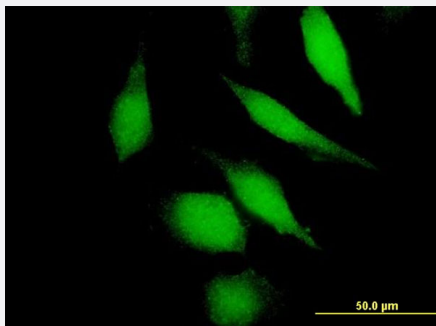


Western Blot (Transfected lysate)

Western Blot analysis of DHFR expression in transfected 293T cell line ([H00001719-T01](#)) by DHFR MaxPab polyclonal antibody.

Lane 1: DHFR transfected lysate (20.57 kDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to DHFR on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human DHFR protein.
Immunogen	DHFR (XP_937759.1, 1 a.a. ~ 187 a.a) full-length human protein.
Sequence	MVGSLNCIVAVSQNMGIGKNGDLPWPPLRNEFRYFQRM TTTSSVEGKQNLVIMGKKTWFSIPEKN RPLKGRINLVLSRELKEPPQGAHFLSRSLDDALKLTEQPELANKVDMVWIVGGSSVYKEAMNHP GHLKLFVTRIMQDFESDTFFPEIDLEKYKLLPEYPGVLSDVQEEKGIKYKFEVYEKND
Host	Mouse
Reactivity	Human

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of DHFR expression in transfected 293T cell line ([H00001719-T01](#)) by DHFR MaxPab polyclonal antibody.

Lane 1: DHFR transfected lysate(20.57 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of [purified](#) MaxPab antibody to DHFR on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — DHFR

Entrez GeneID	1719
GeneBank Accession#	NM_000791.3
Protein Accession#	XP_937759.1
Gene Name	DHFR
Gene Alias	-
Gene Description	dihydrofolate reductase
Omim ID	126060
Gene Ontology	Hyperlink
Gene Summary	Dihydrofolate reductase converts dihydrofolate into tetrahydrofolate, a methyl group shuttle required for the de novo synthesis of purines, thymidylc 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. [provided by RefSeq]

Other Designations

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Pathway

- [Biosynthesis of phenylpropanoids](#)
- [Folate biosynthesis](#)
- [Metabolic pathways](#)
- [One carbon pool by folate](#)

Disease

- [Adrenoleukodystrophy](#)
- [Alcoholism](#)
- [Arthritis](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Demyelinating Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)

- [Ductus Arteriosus](#)
- [Edema](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Heart Defects](#)
- [Hypertension](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Intracranial Aneurysm](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Metabolic Diseases](#)
- [Microsatellite Instability](#)
- [Musculoskeletal Diseases](#)
- [Neoplasms](#)
- [Neural Tube Defects](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)

- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Schizophrenia](#)
- [Skin Diseases](#)
- [Spinal Dysraphism](#)
- [Thrombosis](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)