

Product datasheet

Anti-Dihydrofolate reductase (DHFR) antibody [3A11] ab117984

1 References 12 Images

Overview

Product name	Anti-Dihydrofolate reductase (DHFR) antibody [3A11]
Description	Mouse monoclonal [3A11] to Dihydrofolate reductase (DHFR)
Host species	Mouse
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant Human Dihydrofolate reductase (DHFR) expressed in 293T cells.
Positive control	HEK293T cell lysate transfected with pCMV6-ENTRY Dihydrofolate reductase (DHFR) cDNA; Human breast, breast adenocarcinoma, colon adenocarcinoma, kidney carcinoma, lung, lung carcinoma, ovary adenocarcinoma, pancreas, thyroid carcinoma, endometrium and bladder carcinoma tissues
General notes	Dilute in PBS (pH7.3) before use.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 48% PBS, 1% BSA, 50% Glycerol
Purity	Protein A purified
Purification notes	ab117984 was purified from mouse ascites fluids by affinity chromatography
Clonality	Monoclonal
Clone number	3A11
Isotype	IgG2b

Applications

Our [Abpromise guarantee](#) covers the use of **ab117984** in the following tested applications.

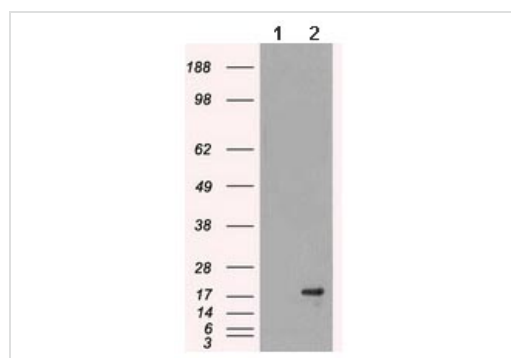
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/2000. Predicted molecular weight: 21 kDa.
IHC-P		1/50.

Target

Function	Key enzyme in folate metabolism. Catalyzes an essential reaction for de novo glycine and purine synthesis, and for DNA precursor synthesis.
Pathway	Cofactor biosynthesis; tetrahydrofolate biosynthesis; 5,6,7,8-tetrahydrofolate from 7,8-dihydrofolate: step 1/1.
Sequence similarities	Belongs to the dihydrofolate reductase family. Contains 1 DHFR (dihydrofolate reductase) domain.

Images



Western blot - Anti-Dihydrofolate reductase (DHFR) antibody [3A11] (ab117984)

All lanes : Anti-Dihydrofolate reductase (DHFR) antibody [3A11] (ab117984) at 1/2000 dilution

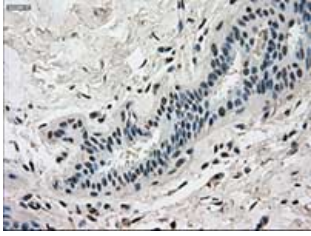
Lane 1 : HEK293T cell lysate transfected with pCMV6-ENTRY control

Lane 2 : HEK293T cell lysate transfected with pCMV6-ENTRY Dihydrofolate reductase (DHFR) cDNA

Lysates/proteins at 5 µg per lane.

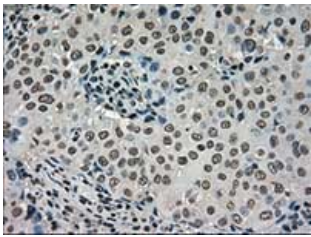
Predicted band size: 21 kDa

HEK293T cell lysates were generated from transient transfection of the cDNA clone (RC200089)



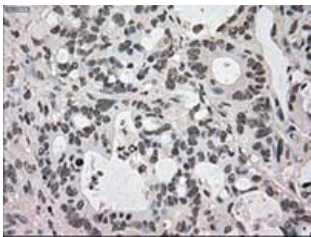
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Dihydrofolate reductase (DHFR) antibody [3A11] (ab117984)

ab117984, at 1/50 dilution, staining Dihydrofolate reductase (DHFR) in paraffin-embedded Human breast tissue by Immunohistochemistry.



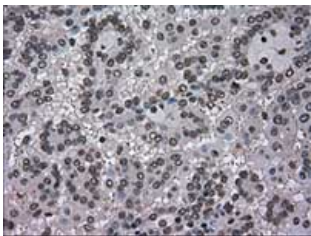
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Dihydrofolate reductase (DHFR) antibody [3A11] (ab117984)

ab117984, at 1/50 dilution, staining Dihydrofolate reductase (DHFR) in paraffin-embedded Human breast adenocarcinoma tissue by Immunohistochemistry.



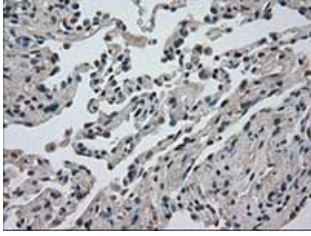
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Dihydrofolate reductase (DHFR) antibody [3A11] (ab117984)

ab117984, at 1/50 dilution, staining Dihydrofolate reductase (DHFR) in paraffin-embedded Human colon adenocarcinoma tissue by Immunohistochemistry.



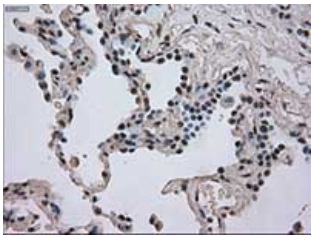
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Dihydrofolate reductase (DHFR) antibody [3A11] (ab117984)

ab117984, at 1/50 dilution, staining Dihydrofolate reductase (DHFR) in paraffin-embedded Human kidney carcinoma tissue by Immunohistochemistry.



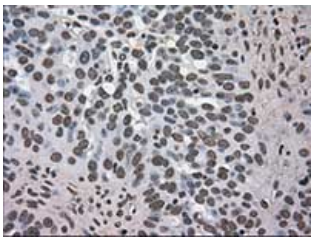
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Dihydrofolate reductase (DHFR) antibody [3A11] (ab117984)

ab117984, at 1/50 dilution, staining Dihydrofolate reductase (DHFR) in paraffin-embedded Human lung tissue by Immunohistochemistry.



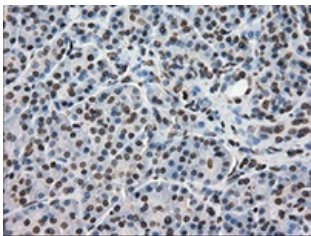
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Dihydrofolate reductase (DHFR) antibody [3A11] (ab117984)

ab117984, at 1/50 dilution, staining Dihydrofolate reductase (DHFR) in paraffin-embedded Human lung carcinoma tissue by Immunohistochemistry.



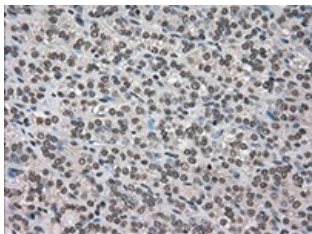
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Dihydrofolate reductase (DHFR) antibody [3A11] (ab117984)

ab117984, at 1/50 dilution, staining Dihydrofolate reductase (DHFR) in paraffin-embedded Human ovary adenocarcinoma tissue by Immunohistochemistry.



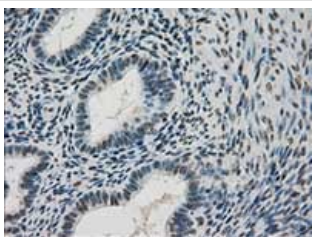
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Dihydrofolate reductase (DHFR) antibody [3A11] (ab117984)

ab117984, at 1/50 dilution, staining Dihydrofolate reductase (DHFR) in paraffin-embedded Human pancreas tissue by Immunohistochemistry.



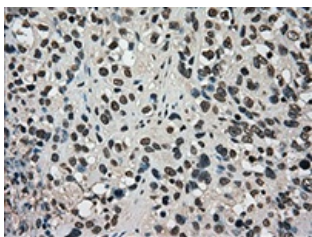
ab117984, at 1/50 dilution, staining Dihydrofolate reductase (DHFR) in paraffin-embedded Human thyroid carcinoma tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Dihydrofolate reductase (DHFR) antibody [3A11] (ab117984)



ab117984, at 1/50 dilution, staining Dihydrofolate reductase (DHFR) in paraffin-embedded Human endometrium tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Dihydrofolate reductase (DHFR) antibody [3A11] (ab117984)



ab117984, at 1/50 dilution, staining Dihydrofolate reductase (DHFR) in paraffin-embedded Human bladder carcinoma tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Dihydrofolate reductase (DHFR) antibody [3A11] (ab117984)

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