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Datasheet for ABIN7149900

anti-Dihydrofolate Reductase antibody (AA 2-187)

2 Images

Overview

Quantity:	100 µg
Target:	Dihydrofolate Reductase (DHFR)
Binding Specificity:	AA 2-187
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dihydrofolate Reductase antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Dihydrofolate reductase protein (2-187AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Dihydrofolate Reductase (DHFR)
Alternative Name:	DHFR (DHFR Products)
Background:	Background: Key enzyme in folate metabolism. Contributes to the de novo mitochondrial thymidylate biosynthesis pathway. Catalyzes an essential reaction for de novo glycine and

Target Details

purine synthesis, and for DNA precursor synthesis. Binds its own mRNA and that of DHFRL1.
Aliases: DHFR antibody, DHFRP1 antibody, Dihydrofolate reductase antibody, DYR antibody, DYR_HUMAN antibody, EC 1.5.1.3 antibody

UniProt: [P00374](#)

Pathways: [Mitotic G1-G1/S Phases](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

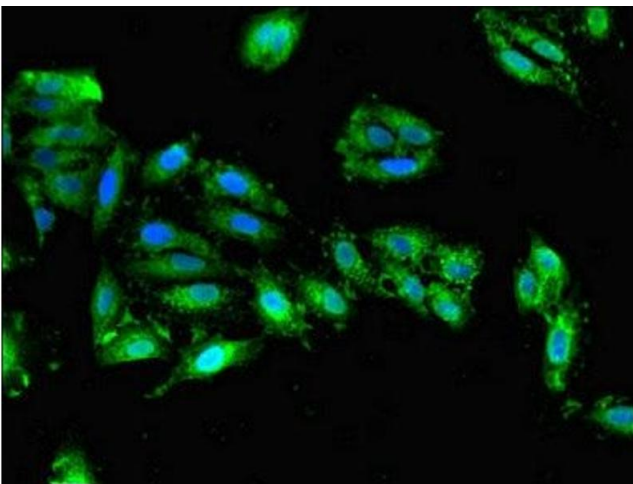
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

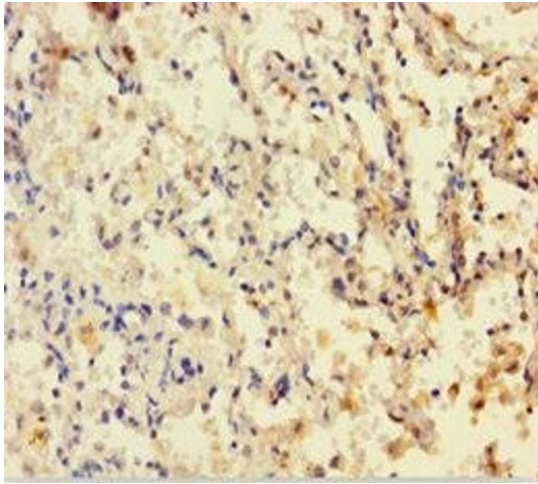
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunofluorescence

Image 1. Immunofluorescent analysis of HeLa cells using ABIN7149900 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human lung cancer using ABIN7149900 at dilution of 1:100