

**Product Name: DPD Rabbit Monoclonal Antibody**  
**Catalog #: AMRe01924**



## Summary

<b>Production Name</b>	DPD Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-F,IHC-P,ICC/IF
<b>Reactivity</b>	Human,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	DPYD
<b>Alternative Names</b>	DPYD; Dihydropyrimidine dehydrogenase [NADP(+)]; DHPDHase; DPD; Dihydrothymine dehydrogenase; Dihydrouracil dehydrogenase
<b>Gene ID</b>	1806
<b>SwissProt ID</b>	Q12882.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200
<b>Molecular Weight</b>	Calculated MW: 111 kDa; Observed MW: 111 kDa

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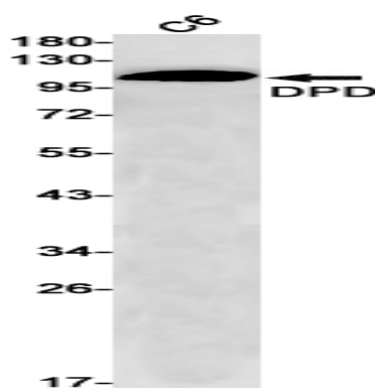
## Background

Involved in pyrimidine base degradation. Catalyzes the reduction of uracil and thymine. Also involved the degradation of the chemotherapeutic drug 5-fluorouracil.

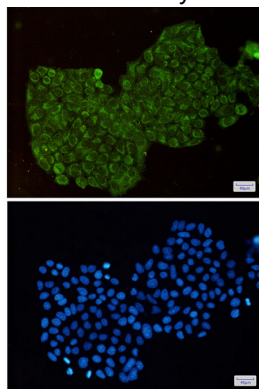
## Research Area

Signal Transduction

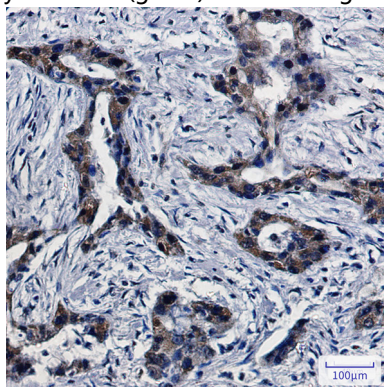
## Image Data



Western blot analysis of DPD in C6 lysates using DPD antibody.



Immunocytochemistry analysis of DPD (green) in HeLa using DPD antibody, and DAPI (blue)



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using DPD antibody. High-pressure and

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temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

**Note**

For research use only.