

## DPD RABBIT MAB

**Cat.#:** N262148

**Product Name:** Anti-DPD Rabbit Monoclonal Antibody

**Synonyms:** DPYD; Dihydropyrimidine dehydrogenase [NADP(+)]; DHPDHase; DPD; Dihydrothymine dehydrogenase; Dihydrouracil dehydrogenase

**UNIPROT ID:** Q12882

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

**Immunogen:** A synthetic peptide of human DPD

**Applications:** WB,IHC-F,IHC-P,ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R02-7C8

**MW:** Calculated MW: 111 kDa; Observed MW: 111 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human,Rat

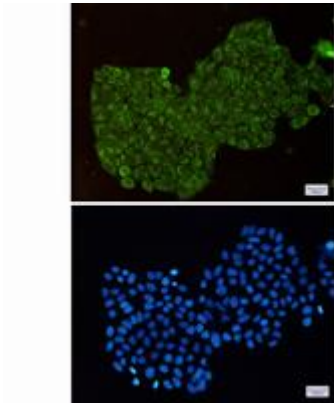
**Conjugation:** Unconjugated

**Modification:** Unmodified

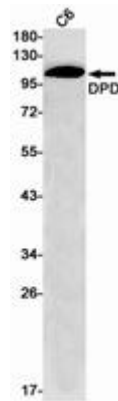
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

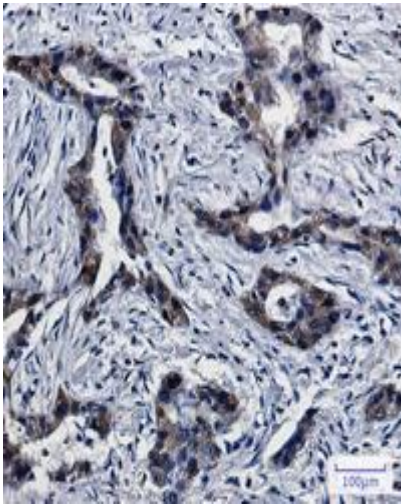
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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



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



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using DPD antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.