

Anti-DPYD Rabbit Monoclonal Antibody

Catalog # ABO15973

Product Information

Application	WB, IHC, IF, ICC, FC
Primary Accession	Q12882
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-DPYD Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human.

Additional Information

Gene ID	1806
Other Names	Dihydropyrimidine dehydrogenase [NADP(+)], DHPDHase, DPD, 1.3.1.2, Dihydrothymine dehydrogenase, Dihydouracil dehydrogenase, DPYD (HGNC:3012)
Calculated MW	111401
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 25D52
Immunogen	A synthesized peptide derived from human DPYD
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	DPYD (HGNC:3012)
Function	Involved in pyrimidine base degradation (PubMed: 1512248). Catalyzes the

reduction of uracil and thymine (PubMed:[1512248](#)). Also involved the degradation of the chemotherapeutic drug 5-fluorouracil (PubMed:[1512248](#)).

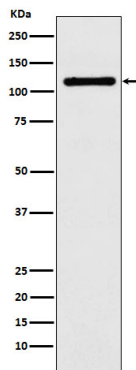
Cellular Location

Cytoplasm.

Tissue Location

Found in most tissues with greatest activity found in liver and peripheral blood mononuclear cells

Images



Western blot analysis of DPYD expression in HeLa cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.