10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

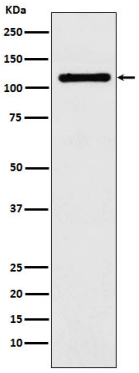
Gene ID	1806
Other Names	Dihydropyrimidine dehydrogenase [NADP(+)], DHPDHase, DPD, 1.3.1.2, Dihydrothymine dehydrogenase, Dihydrouracil dehydrogenase, DPYD (HGNC:3012)
Calculated MW	111401
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG 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	Catalyzes the reduction of uracil and thymine in the initial step of reductive

	pyrimidine catabolism, a pathway that yields beta- alanine from uracil and beta-aminoisobutyrate from thymine (PubMed:1512248). Also capable of degrading the chemotherapeutic drug 5-fluorouracil (PubMed:1512248).
Cellular Location	Cytoplasm, cytosol {ECO:0000250|UniProtKB:O89000}
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'.