

DPYD Antibody

Catalog No: #42963

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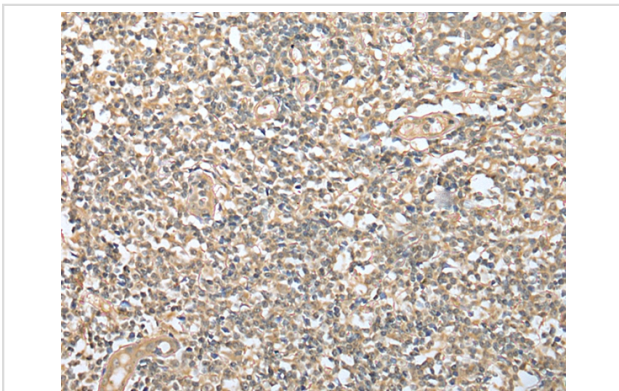
Description

Product Name	DPYD Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DPYD protein.
Immunogen Type	protein
Immunogen Description	Full length fusion protein of human DPYD
Target Name	DPYD
Other Names	DHP; DPD; DHPDHASE
Accession No.	Swiss-Prot#: Q12882Gene ID: 1806
Uniprot	Q12882
GeneID	1806;
Concentration	0.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:25-1:100

Images



Immunohistochemical analysis of paraffin-embedded Human tonsil tissue using #42963 at dilution 1/25,

Background

The protein encoded by this gene is a pyrimidine catabolic enzyme and the initial and rate-limiting factor in the pathway of uracil and thymidine catabolism. Mutations in this gene result in dihydropyrimidine dehydrogenase deficiency, an error in pyrimidine metabolism associated with thymine-uraciluria and an increased risk of toxicity in cancer patients receiving 5-fluorouracil chemotherapy. Two transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only