

## Product datasheet for **TA355378**

### Dihydropyrimidinase (DPYS) Mouse Monoclonal Antibody [Clone ID: 8D12]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	8D12
Applications:	WB
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Specificity:	<b>Expected reactivity:</b> Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	57
Gene Name:	dihydropyrimidinase
Database Link:	<a href="#">NP_001376</a> <a href="#">Entrez Gene 1807 Human</a> <a href="#">Q14117</a>
Background:	Dihydropyrimidinase catalyzes the conversion of 5,6-dihydrouracil to 3-ureidopropionate in pyrimidine metabolism. Dihydropyrimidinase is expressed at a high level in liver and kidney as a major 2.5-kb transcript and a minor 3.8-kb transcript. Defects in the DPYS gene are linked to dihydropyrimidinuria.
Synonyms:	DHP; DHPase; dihydropyrimidinase; hydantoinase
Protein Families:	Druggable Genome



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**Protein Pathways:** beta-Alanine metabolism, Drug metabolism - other enzymes, Metabolic pathways, Pantothenate and CoA biosynthesis, Pyrimidine metabolism