

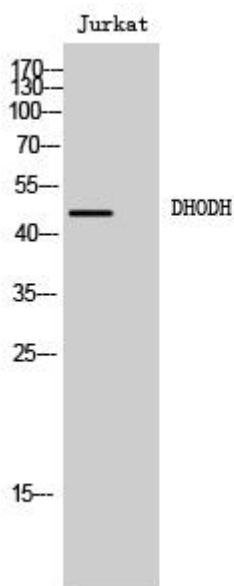


DHODH Monoclonal Antibody

Catalog No	YP-mAb-02616
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	DHODH
Protein Name	Dihydroorotate dehydrogenase
Immunogen	The antiserum was produced against synthesized peptide derived from human DHODH. AA range:211-260
Specificity	DHODH Monoclonal Antibody detects endogenous levels of DHODH protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DHODH; Dihydroorotate dehydrogenase; quinone); mitochondrial; DHOdehase; Dihydroorotate oxidase
Observed Band	48kD
Cell Pathway	Mitochondrion inner membrane ; Single-pass membrane protein .
Tissue Specificity	Skin,Testis,
Function	catalytic activity:(S)-dihydroorotate + O(2) = orotate + H(2)O(2); cofactor: Binds 1 FAD per subunit.; pathway:Pyrimidine metabolism; UMP biosynthesis via de novo pathway; UMP from HCO(3)(-): step 4/6.; similarity:Belongs to the dihydroorotate dehydrogenase family.,
Background	The protein encoded by this gene catalyzes the fourth enzymatic step, the ubiquinone-mediated oxidation of dihydroorotate to orotate, in de novo pyrimidine biosynthesis. This protein is a mitochondrial protein located on the outer surface of the inner mitochondrial membrane. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using DHODH Monoclonal Antibody