



DIO1 mouse mAb

Catalog No	YP-mAb-18017
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	DIO1 ITDI1 TXDI1
Immunogen	Synthesized peptide derived from human DIO1
Specificity	This antibody detects endogenous levels of DIO1 at Human, Mouse,Rat
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	5DI;DIOI;EC:1.21.99.4;ITDI1;TXDI1;DIO1;DIO1 ITDI1 TXDI1;Type I iodothyronine deiodinase (EC 1.97.1.10) (5DI) (DIOI) (Type 1 DI) (Type-I 5'-deiodinase)
Observed Band	29 kDa, 13 kDa
Calculated Molecular Weight	249 aa, 29 kDa
Cell Pathway	Endoplasmic reticulum membrane ; Single-pass membrane protein .
Tissue Specificity	
Function	Responsible for the deiodination of T4 (3,5,3',5'-tetraiodothyronine) into T3 (3,5,3'-triiodothyronine) and of T3 into T2 (3,3'-diiodothyronine). Plays a role in providing a source of plasma T3 by deiodination of T4 in peripheral tissues such as liver and kidney.
Background	
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.

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