



DIO1 mouse mAb

Catalog No	BYmab-18017
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	DIO1 ITDI1 TXDI1
Protein Name	Type I iodothyronine deiodinase (EC 1.97.1.10) (5DI) (DIOI) (Type 1 DI) (Type-I 5'-deiodinase)
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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	27kD
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!

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Usage suggestions

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

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