



# TRP2 Monoclonal Antibody

Catalog No	BYmab-02804
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	DCT
Protein Name	L-dopachrome tautomerase
Immunogen	The antiserum was produced against synthesized peptide derived from human DCT. AA range:51-100
Specificity	TRP2 Monoclonal Antibody detects endogenous levels of TRP2 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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DCT; TYRP2; L-dopachrome tautomerase; DCT; DT; L-dopachrome Delta-isomerase; Tyrosinase-related protein 2; TRP-2; TRP2
Observed Band	60kD
Cell Pathway	Melanosome membrane ; Single-pass type I membrane protein . Melanosome . Proper trafficking to melanosome is regulated by SGSM2, ANKRD27, RAB9A, RAB32 and RAB38. .
Tissue Specificity	Liver,Lymphnode melanoma metastases,Mammary gland,Melanoma,
Function	catalytic activity:L-dopachrome = 5,6-dihydroxyindole-2-carboxylate.,cofactor:Binds 2 zinc ions per subunit.,function:Involved in regulating eumelanin and pheomelanin levels.,pathway:Pigment biosynthesis; melanin biosynthesis.,similarity:Belongs to the tyrosinase family.,subunit:Tyrosinase, TYRP1 and TYRP2 may form a multienzyme complex.,
Background	catalytic activity:L-dopachrome = 5,6-dihydroxyindole-2-carboxylate.,cofactor:Binds 2 zinc ions per

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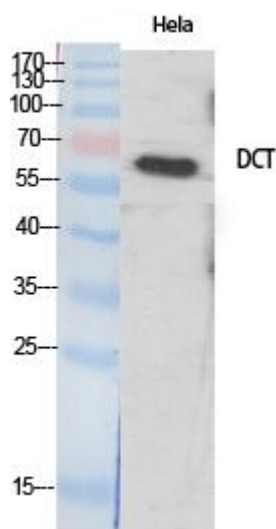
**matters needing attention**

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 TRP2 Monoclonal Antibody