



# TRP2 DCT Mouse mAb(2A10)

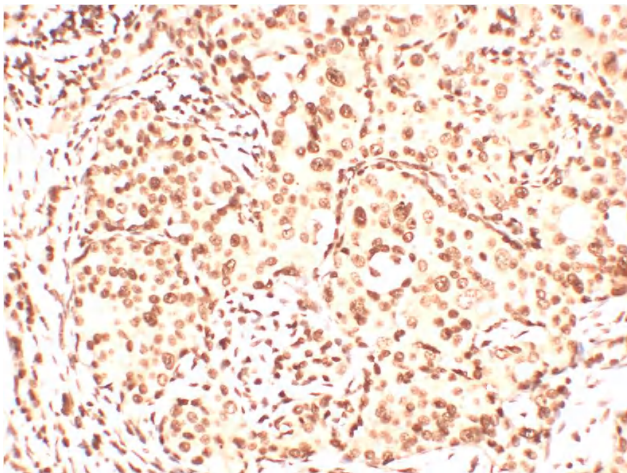
<b>Catalog No</b>	YP-Ab-04789
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse;Rat
<b>Applications</b>	IHC;WB
<b>Gene Name</b>	DCT TYRP2
<b>Protein Name</b>	TRP2 DCT
<b>Immunogen</b>	Synthesized peptide derived from human TRP2 DCT
<b>Specificity</b>	This antibody detects endogenous levels of TRP2 DCT at Human, Mouse,Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.28% sodium azide.
<b>Source</b>	Monoclonal, Mouse
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
<b>Dilution</b>	IHC-p1:50-200 ,WB 1:1000-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	L-dopachrome tautomerase (DCT) (DT) (EC 5.3.3.12) (L-dopachrome Delta-isomerase) (Tyrosinase-related protein 2) (TRP-2) (TRP2)
<b>Observed Band</b>	60kD
<b>Cell Pathway</b>	Melanosome membrane ; Single-pass type I membrane protein . Melanosome . Proper trafficking to melanosome is regulated by SGSM2, ANKRD27, RAB9A, RAB32 and RAB38. .
<b>Tissue Specificity</b>	Liver,Lymphnode melanoma metastases,Mammary gland,Melanoma,
<b>Function</b>	catalytic activity:L-dopachrome = 5,6-dihydroxyindole-2-carboxylate.,cofactor:Binds 2 zinc ions per subunit.,function:Involved in regulating eumelanin and phaeomelanin levels.,pathway:Pigment biosynthesis; melanin biosynthesis.,similarity:Belongs to the tyrosinase family.,subunit:Tyrosinase, TYRP1 and TYRP2 may form a multienzyme complex.,
<b>Background</b>	
<b>matters needing attention</b>	Avoid repeated freezing and thawing!



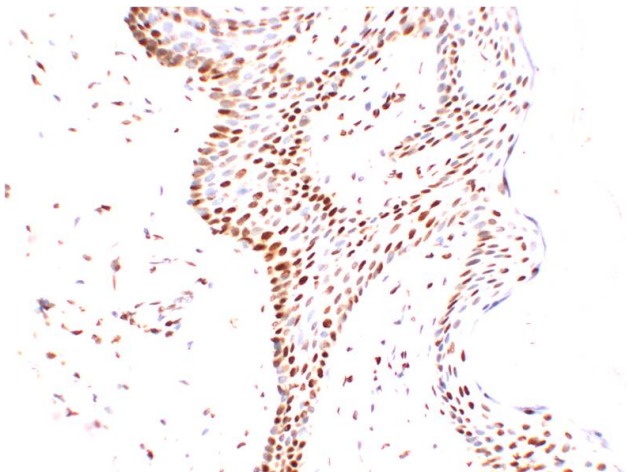
**Usage suggestions**

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

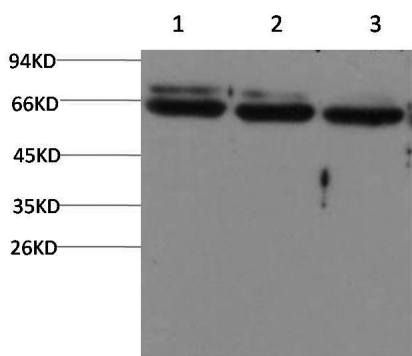
**Products Images**



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using TRP2/DCT Mouse Monoclonal antibody diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Skin Tissue using TRP2/DCT Mouse Monoclonal antibody diluted at 1:200.



Western blot analysis of 1) Human Brain, 2) Mouse Brain, 3) Rat Brain Tissue Lysate using TRP2/DCT Mouse Monoclonal mAb diluted at 1:5,000.