



# TRP2 DCT Mouse mAb(2A10)

|                    |                                                                                                                                                                                                                                                                                                                                                       |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-04789                                                                                                                                                                                                                                                                                                                                            |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                   |
| Reactivity         | Human; Mouse;Rat                                                                                                                                                                                                                                                                                                                                      |
| Applications       | IHC;WB                                                                                                                                                                                                                                                                                                                                                |
| Gene Name          | DCT TYRP2                                                                                                                                                                                                                                                                                                                                             |
| Protein Name       | TRP2 DCT                                                                                                                                                                                                                                                                                                                                              |
| Immunogen          | Synthesized peptide derived from human TRP2 DCT                                                                                                                                                                                                                                                                                                       |
| Specificity        | This antibody detects endogenous levels of TRP2 DCT at Human, Mouse,Rat                                                                                                                                                                                                                                                                               |
| Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.28% sodium azide.                                                                                                                                                                                                                                                                               |
| Source             | Monoclonal, Mouse                                                                                                                                                                                                                                                                                                                                     |
| Purification       | The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                                            |
| Dilution           | IHC-p1:50-200 ,WB 1:1000-2000                                                                                                                                                                                                                                                                                                                         |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                               |
| Purity             | ≥90%                                                                                                                                                                                                                                                                                                                                                  |
| Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                          |
| Synonyms           | L-dopachrome tautomerase (DCT) (DT) (EC 5.3.3.12) (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         |                                                                                                                                                                                                                                                                                                                                                       |

Nanjing BYabscience technology Co.,Ltd

网址: [www.njbybio.com](http://www.njbybio.com)

官方热线: 025-5229-8998

监督电话: 15950492658



**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.

Nanjing BYabscience technology Co.,Ltd

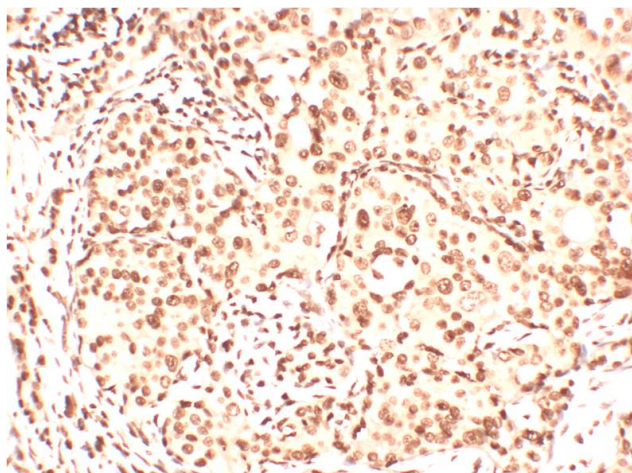
网址: [www.njbybio.com](http://www.njbybio.com)

官方热线: 025-5229-8998

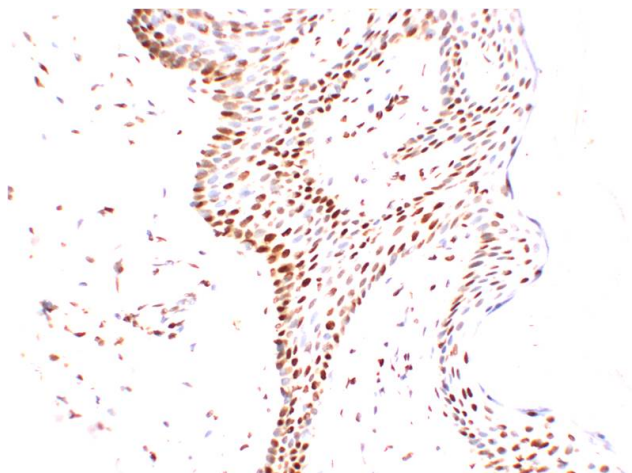
监督电话: 15950492658



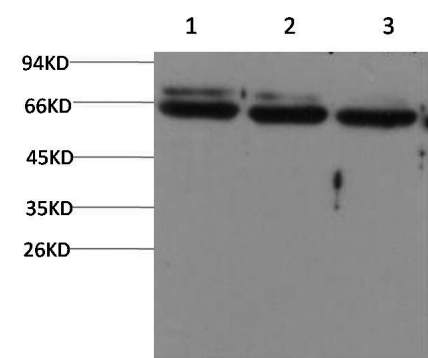
## Products Images



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.