

For Research Use Only

DCT Monoclonal antibody

Catalog Number: 68114-1-Ig



Basic Information

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| Catalog Number: 68114-1-Ig | GenBank Accession Number: BC028311 | Purification Method: Protein G purification |
| Size: 150ul , Concentration: 1000 ug/ml by Nanodrop; | GeneID (NCBI): 1638 | CloneNo.: 1B3D4 |
| Source: Mouse | UNIPROT ID: P40126 | Recommended Dilutions: WB 1:1000-1:4000 IF/ICC 1:200-1:800 |
| Isotype: IgG1 | Full Name: dopachrome tautomerase (dopachrome delta-isomerase, tyrosine-related protein 2) | |
| Immunogen Catalog Number: AG26165 | Calculated MW: 519 aa, 59 kDa | |
| | Observed MW: 55-63 kDa | |

Applications

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| Tested Applications: WB, IF/ICC, ELISA | Positive Controls: |
| Species Specificity: Human, Mouse, Pig | WB : A375 cells, HL-60 cells, pig skin tissue, mouse skin tissue, mouse testis tissue |
| | IF/ICC : A549 cells, |

Background Information

DCT(L-dopachrome Delta-isomerase) is also named as TYRP2,TRP2 and belongs to the tyrosinase family.human TYRP2 protein has 83% identity and 90% similarity to the mouse sequence and has all the structural characteristics of the tyrosinase protein family, including a signal peptide, 15 conserved cysteine residues, 2 copper-binding domains, and a C-terminal membrane-spanning region(PMID:8206391).

Storage

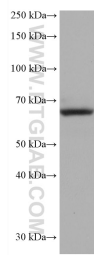
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

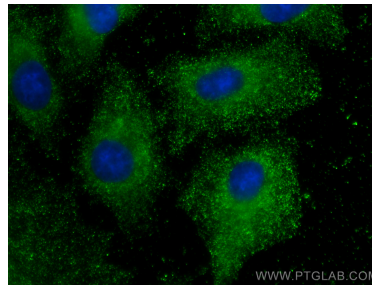
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



A375 cells were subjected to SDS PAGE followed by western blot with 68114-1-Ig (DCT antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using DCT antibody (68114-1-Ig, Clone: 1B3D4) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).