

For Research Use Only

# CoraLite® Plus 488-conjugated DCT Monoclonal antibody



Catalog Number: **CL488-68114**

## Basic Information

<b>Catalog Number:</b> CL488-68114	<b>GenBank Accession Number:</b> BC028311	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1638	<b>CloneNo.:</b> 1B3D4
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P40126	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>Full Name:</b> dopachrome tautomerase (dopachrome delta-isomerase, tyrosine-related protein 2)	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG26165	<b>Calculated MW:</b> 519 aa, 59 kDa	
	<b>Observed MW:</b> 55-63 kDa	

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : A549 cells,
<b>Species Specificity:</b> Human, Mouse, Pig	

## 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

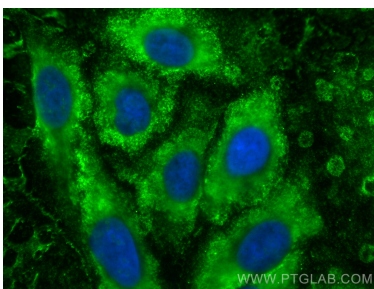
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using CoraLite® Plus 488 DCT antibody (CL488-68114, Clone: 1B3D4) at dilution of 1:200.