Datasheet for ABIN5533201

anti-DCT antibody (N-Term)

3 Images

Go to Product page

Overview

Quantity:	400 µL
Target:	DCT
Binding Specificity:	AA 62-89, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DCT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This DCT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 62-89 amino acids from the N-terminal region of human DCT.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	DCT
Alternative Name:	DCT (DCT Products)
Background:	DCT is involved in regulating eumelanin and phaeomelanin levels.

Target Details

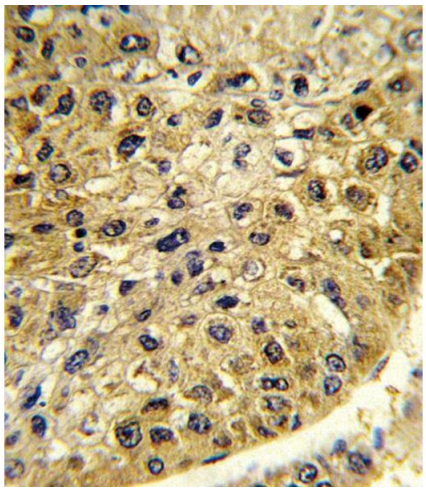
Molecular Weight:	59 kDa
Gene ID:	1638
UniProt:	P40126

Application Details

Application Notes:	For WB starting dilution is: 1:1000 For IHC-P starting dilution is: 1:10~50 For FACS starting dilution is: 1:10~50
Restrictions:	For Research Use only

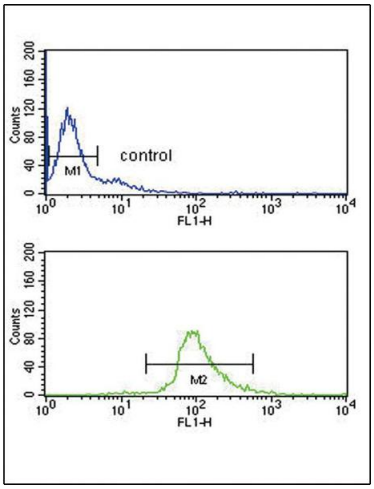
Handling

Format:	Liquid
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



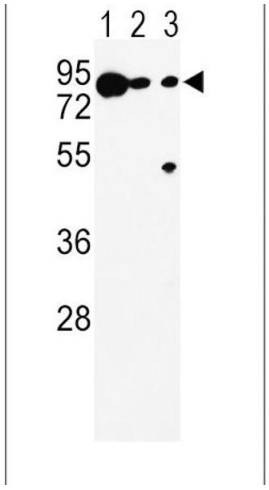
Immunohistochemistry

Image 1. Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with DCT Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Flow Cytometry

Image 2. Flow cytometry analysis of Ramos cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 3. Western blot analysis of DCT Antibody in K562(lane 1), A375(lane 2), Ramos(lane 3) cell line lysates (35ug/lane)