

Product Name: KD-Validated DDT Mouse Monoclonal Antibody**Catalog #: KVA01153**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500
Molecular Weight	Calculated MW: 12.7kDa

Antigen Information

Gene Name	DDT
Alternative Names	DDT; D-Dopachrome Tautomerase; D-Dopachrome Decarboxylase; MIF-2; DDCT; MIF2; D-DT; Phenylpyruvate Tautomerase II; EC 4.1.1.84
Gene ID	1652.0
SwissProt ID	P30046
Immunogen	Recombinant protein of human DDT

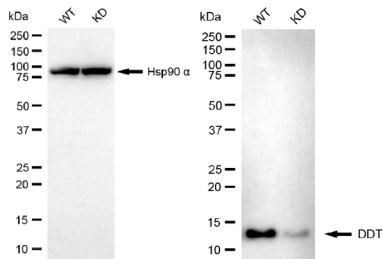
Background

D-dopachrome tautomerase converts D-dopachrome into 5,6-dihydroxyindole. The DDT gene is related to the migration inhibitory factor (MIF) in terms of sequence, enzyme activity, and gene structure. DDT and MIF are closely linked on chromosome 22. [provided by RefSeq, Jul 2008]

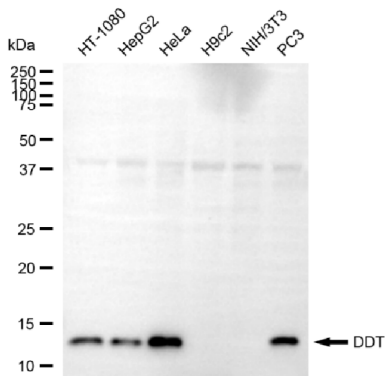
Research Area

Cell Biology

Image Data



Western blotting analysis using DDT antibody (KVA01153). DDT expression in wild-type (WT) and DDT knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with DDT antibody (KVA01153, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using DDT antibody (KVA01153). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with DDT antibody (KVA01153, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.