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KD-Validated Anti-DDT Mouse Monoclonal Antibody

Mouse monoclonal antibody
Catalog # AGI1492

Specification

KD-Validated Anti-DDT Mouse Monoclonal Antibody - Product Information

Application	**WB**
Primary Accession	P30046
Reactivity	**Human**
Clonality	**Monoclonal**
Isotype	**Mouse IgG1**
Calculated MW	**Predicted, 13 kDa; observed, 13 kDa KDa**
Gene Name	**DDT**
Aliases	**DDT; D-Dopachrome Tautomerase; D-Dopachrome Decarboxylase; MIF-2; DDCT; MIF2; D-DT; Phenylpyruvate Tautomerase II; EC 4.1.1.84**
Immunogen	**Recombinant protein of human DDT**

KD-Validated Anti-DDT Mouse Monoclonal Antibody - Additional Information

Gene ID **1652**

Other Names
D-dopachrome decarboxylase, 4.1.1.84, D-dopachrome tautomerase, Phenylpyruvate tautomerase II, DDT

KD-Validated Anti-DDT Mouse Monoclonal Antibody - Protein Information

Name DDT

Function
Tautomerization of D-dopachrome with decarboxylation to give 5,6-dihydroxyindole (DHI).

Cellular Location
Cytoplasm.

Tissue Location
Highly expressed in the liver and at lower levels in the heart, lung and pancreas.

KD-Validated Anti-DDT Mouse Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

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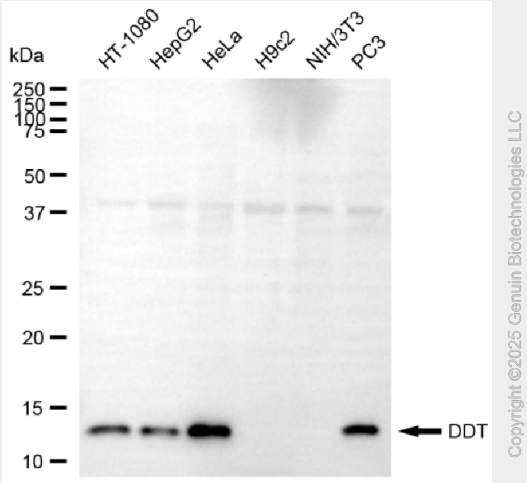
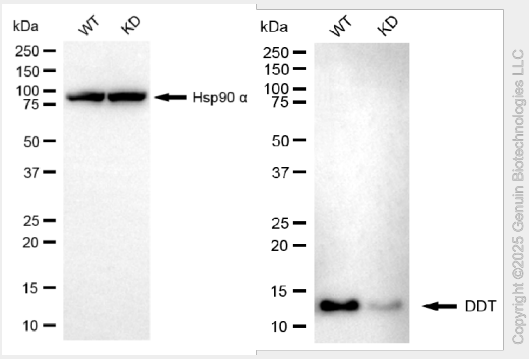
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KD-Validated Anti-DDT Mouse Monoclonal Antibody - Images



Western blotting analysis using anti-DDT antibody (Cat#AGI1492). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-DDT antibody (Cat#AGI1492, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-DDT antibody (Cat#AGI1492). 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 anti-DDT antibody (Cat#AGI1492, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.