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# Product datasheet for TA502621

## HDHD1A (PUDP) Mouse Monoclonal Antibody [Clone ID: OTI2E10]

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Clone Name:** | OTI2E10 |
| **Applications:** | FC, IHC, WB |
| **Recommended Dilution:** | WB 1:1000~2000, IHC 1:150, FLOW 1:100 |
| **Reactivity:** | Human, Dog, Rat, Monkey |
| **Host:** | Mouse |
| **Isotype:** | IgG1 |
| **Clonality:** | Monoclonal |
| **Immunogen:** | Full length human recombinant protein of human HDHD1A (NP_036212) produced in HEK293T cell. |
| **Formulation:** | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| **Concentration:** | 0.53 mg/ml |
| **Purification:** | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store at -20°C as received. |
| **Stability:** | Stable for 12 months from date of receipt. |
| **Predicted Protein Size:** | 23.5 kDa |
| **Gene Name:** | pseudouridine 5'-phosphatase |
| **Database Link:** | NP_036212<br>Entrez Gene 291585 RatEntrez Gene 610678 DogEntrez Gene 707930 MonkeyEntrez Gene 8226 Human<br>Q08623 |
| **Background:** | This gene encodes a member of the haloacid dehalogenase-like (HAD) hydrolase superfamily. The encoded protein has no known biological function. This gene has a pseudogene on chromosome 1. Multiple alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq] |

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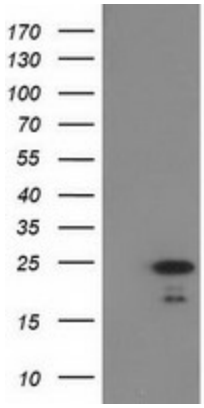
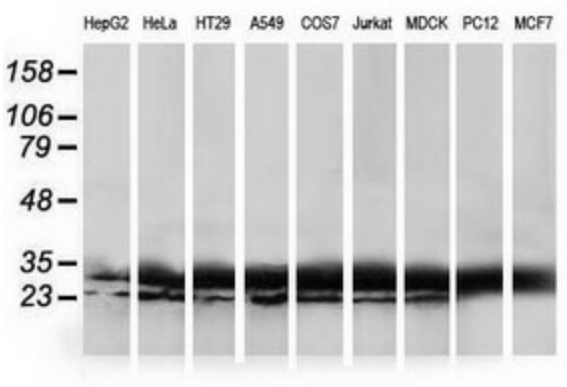
**Synonyms:** DXF68S1E; FAM16AX; GS1; HDHD1A

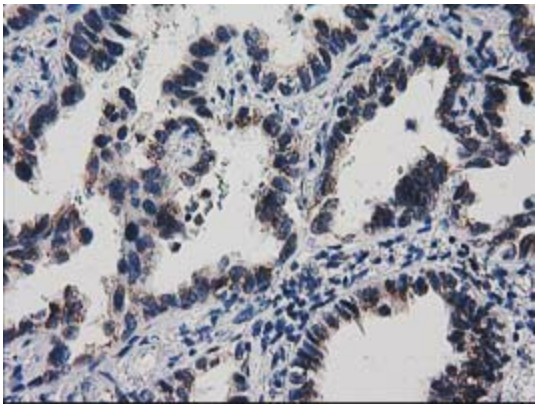
## Product images:




HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY HDHD1A (Cat# [RC229126], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-HDHD1A(Cat# TA502621). Positive lysates [LY415984] (100ug) and [LC415984] (20ug) can be purchased separately from OriGene.




Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-HDHD1A monoclonal antibody.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-HDHD1A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502621)

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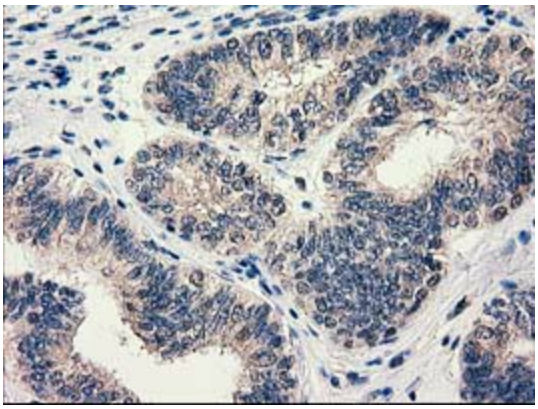
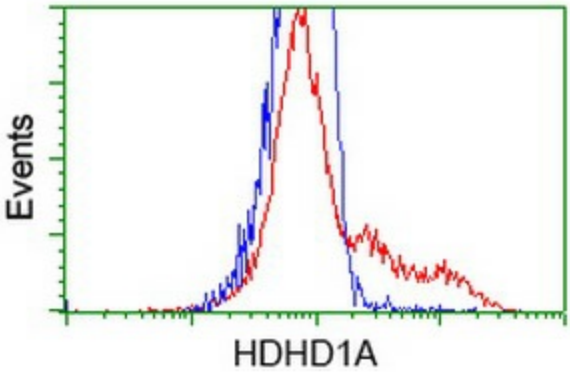


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-HDHD1A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502621)




HEK293T cells transfected with either [RC204419] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-HDHD1A antibody (TA502621), and then analyzed by flow cytometry.

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