

## Product datasheet for **TA504110**

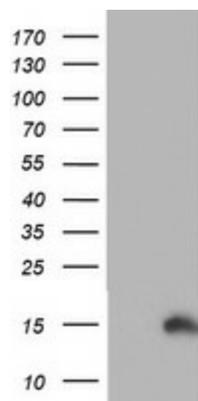
### **PFD6 (PFDN6) Mouse Monoclonal Antibody [Clone ID: OTI4E10]**

#### **Product data:**

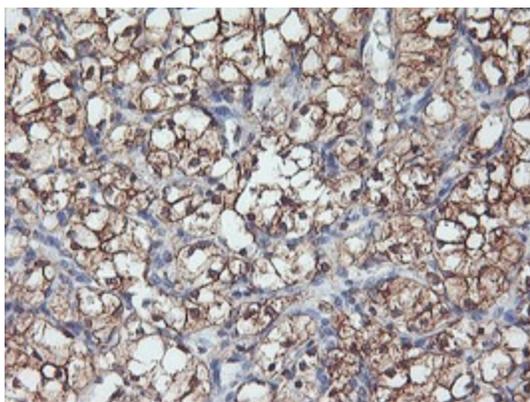
|                                |   |
|--------------------------------|---|
| <b>Product Type:</b>           | Primary Antibodies  |
| <b>Clone Name:</b>             | OTI4E10   |
| <b>Applications:</b>           | FC, IHC, WB   |
| <b>Recommend Dilution:</b>     | WB 1:2000, IHC 1:150, FLOW 1:100  |
| <b>Reactivity:</b>             | Human   |
| <b>Host:</b>                   | Mouse   |
| <b>Isotype:</b>                | IgG1  |
| <b>Clonality:</b>              | Monoclonal  |
| <b>Immunogen:</b>              | Human recombinant protein fragment corresponding to amino acids 2-129 of human PFDN6(NP_055075) produced in E.coli.   |
| <b>Formulation:</b>            | PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.  |
| <b>Concentration:</b>          | 0.67 mg/ml  |
| <b>Purification:</b>           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)   |
| <b>Predicted Protein Size:</b> | 14.4 kDa  |
| <b>Gene Name:</b>              | prefoldin subunit 6   |
| <b>Database Link:</b>          | <a href="#">NP_055075</a> <a href="#">Entrez Gene 10471</a> <a href="#">Human</a>   |
| <b>Background:</b>             | PFDN6 is a subunit of the heteromeric prefoldin complex that chaperones nascent actin (see MIM 102560) and alpha- and beta-tubulin (see MIM 602529 and MIM 191130, respectively) chains pending their transfer to the cytosolic chaperonin containing TCP1 (MIM 186980) (CCT) complex (Hansen et al., 1999 [PubMed 10209023]). [supplied by OMIM] |
| <b>Synonyms:</b>               | H2-KE2; HKE2; KE-2; PFD6  |
| <b>Protein Families:</b>       | Stem cell - Pluripotency  |



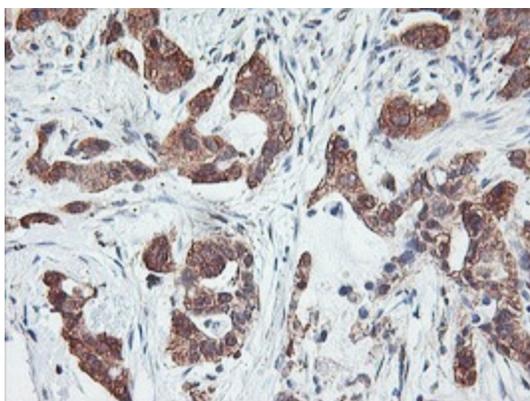
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**Product images:**

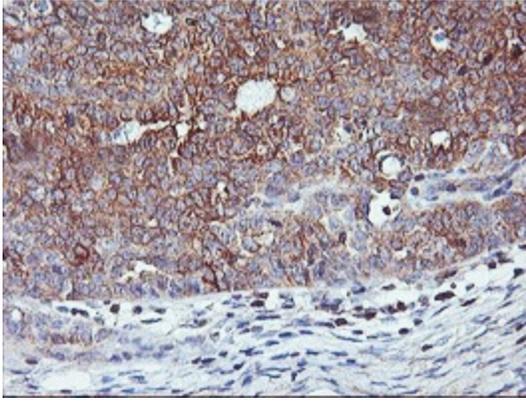
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PFDN6 ([RC207901], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PFDN6. Positive lysates [LY415391] (100ug) and [LC415391] (20ug) can be purchased separately from OriGene.



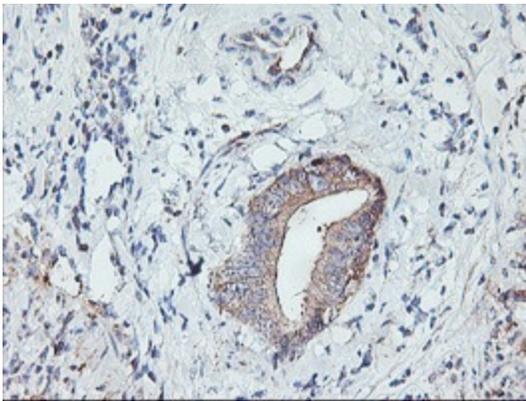
Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-PFDN6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504110)



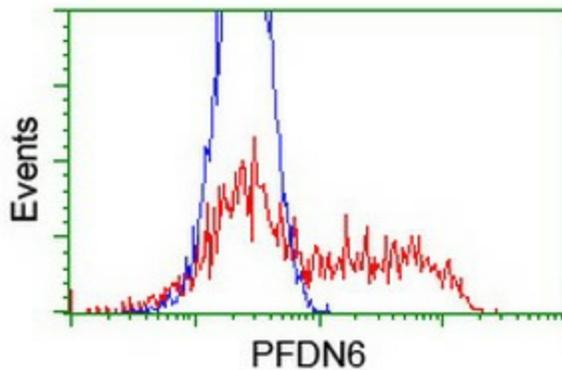
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-PFDN6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504110)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-PFDN6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504110)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-PFDN6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504110)



HEK293T cells transfected with either [RC207901] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PFDN6 antibody (TA504110), and then analyzed by flow cytometry.