



# Anti-PFDN4 monoclonal antibody (DCABH-12880)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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| <b>Antigen Description</b> | This gene encodes a member of the prefoldin beta subunit family. The encoded protein is one of six subunits of prefoldin, a molecular chaperone complex that binds and stabilizes newly synthesized polypeptides, thereby allowing them to fold correctly. The complex, consisting of two alpha and four beta subunits, forms a double beta barrel assembly with six protruding coiled-coils. |
| <b>Immunogen</b>           | A synthetic peptide of human PFDN4 is used for rabbit immunization.   |
| <b>Isotype</b>             | IgG   |
| <b>Source/Host</b>         | Rabbit  |
| <b>Species Reactivity</b>  | Human   |
| <b>Purification</b>        | Protein A   |
| <b>Conjugate</b>           | Unconjugated  |
| <b>Applications</b>        | Western Blot (Transfected lysate); ELISA  |
| <b>Buffer</b>              | In 1x PBS, pH 7.4   |
| <b>Preservative</b>        | None  |
| <b>Storage</b>             | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.  |

## GENE INFORMATION

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|----------------------------|--|
| <b>Gene Name</b>           | <a href="#">PFDN4 prefoldin subunit 4 [ Homo sapiens ]</a>   |
| <b>Official Symbol</b>     | PFDN4  |
| <b>Synonyms</b>            | PFDN4; prefoldin subunit 4; prefoldin 4; C 1; C1; PFD4; protein C-1;   |
| <b>Entrez Gene ID</b>      | <a href="#">5203</a>   |
| <b>Protein Refseq</b>      | <a href="#">NP_002614</a>  |
| <b>UniProt ID</b>          | <a href="#">Q9NQP4</a>   |
| <b>Chromosome Location</b> | 20q13.2  |
| <b>Pathway</b>             | Chaperonin-mediated protein folding, organism-specific biosystem; Cooperation of Prefoldin and TriC/CCTin actin and tubulin folding, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Prefoldin mediated transfer of substrateto CCT/TriC, organism-specific biosystem; Protein folding, organism-specific biosystem; |
| <b>Function</b>            | chaperone binding; protein binding; unfolded protein binding;  |