

## Product datasheet for **TA379827**

### **PFDN5 Rabbit Polyclonal Antibody**

#### **Product data:**

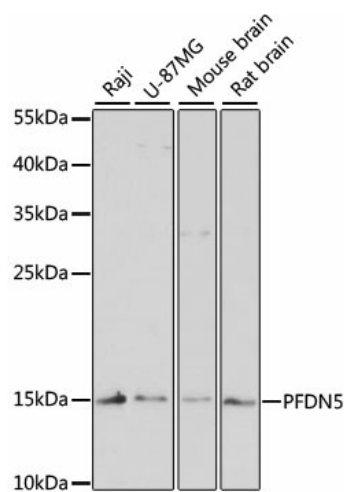
|                                |  |
|--------------------------------|--|
| <b>Product Type:</b>           | Primary Antibodies   |
| <b>Applications:</b>           | ICC/IF, WB   |
| <b>Recommended Dilution:</b>   | WB, 1:200 - 1:2000<br>IF, 1:50 - 1:200   |
| <b>Reactivity:</b>             | Human, Mouse, Rat  |
| <b>Modifications:</b>          | Unmodified   |
| <b>Host:</b>                   | Rabbit   |
| <b>Isotype:</b>                | IgG  |
| <b>Clonality:</b>              | Polyclonal   |
| <b>Immunogen:</b>              | Recombinant fusion protein containing a sequence corresponding to amino acids 1-154 of human PFDN5 (NP_002615.2).  |
| <b>Formulation:</b>            | Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.   |
| <b>Concentration:</b>          | lot specific   |
| <b>Purification:</b>           | Affinity purification  |
| <b>Conjugation:</b>            | Unconjugated   |
| <b>Storage:</b>                | Store at -20°C. Avoid freeze / thaw cycles.  |
| <b>Stability:</b>              | Shelf life: one year from despatch.  |
| <b>Predicted Protein Size:</b> | 7kDa/12kDa/17kDa   |
| <b>Gene Name:</b>              | prefoldin subunit 5  |
| <b>Database Link:</b>          | <a href="#">Entrez Gene 5204 Human Q99471</a>  |
| <b>Background:</b>             | This gene encodes a member of the prefoldin alpha 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. The encoded protein may also repress the transcriptional activity of the proto-oncogene c-Myc. Alternatively spliced transcript variants encoding different isoforms have been described. |



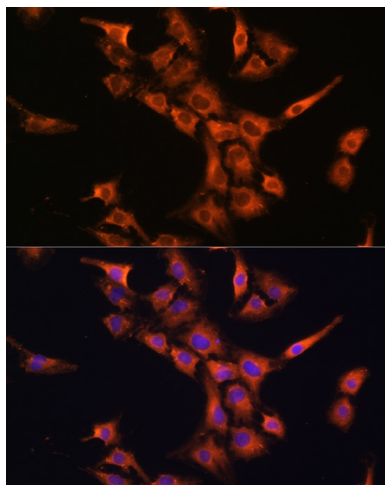
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Synonyms: MGC5329; MGC71907; MM-1; MM1; PFD5

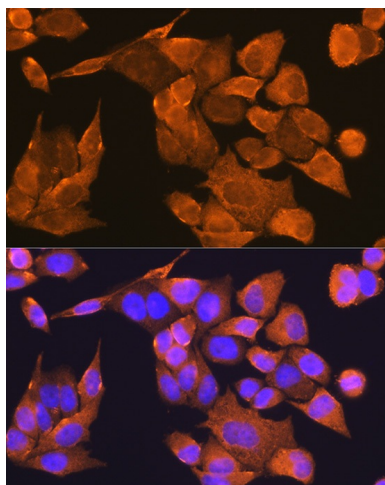
### Product images:



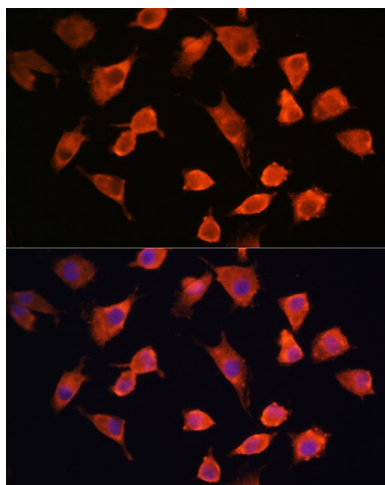
Western blot analysis of extracts of various cell lines, using PFDN5 antibody (TA379827) at 1:3000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Enhanced Kit . | Exposure time: 90s.



Immunofluorescence analysis of C6 cells using PFDN5 Rabbit pAb (TA379827) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using PFDN5 Rabbit pAb (TA379827) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using PFDN5 Rabbit pAb (TA379827) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.