

Datasheet for ABIN1682853

anti-PFDN5 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PFDN5
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This PFDN5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	A synthesized peptide derived from human PFDN5
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	PFDN5
Alternative Name:	PFDN5 (PFDN5 Products)
Background:	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

Target Details

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. [provided by RefSeq, Jul 2008],MM-1, MM1, PFD5,Epigenetics & Nuclear Signaling,Signal Transduction,PFDN5

Molecular Weight: 17 kDa

Gene ID: 5204

UniProt: [Q99471](#)

Pathways: [Unfolded Protein Response](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

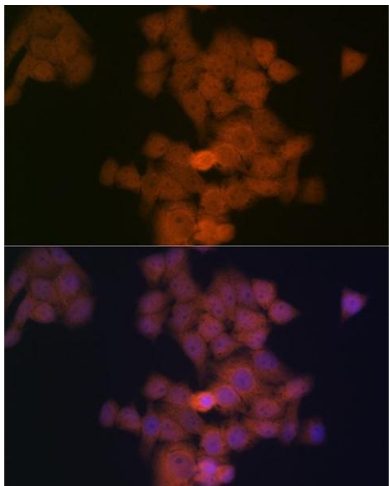
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

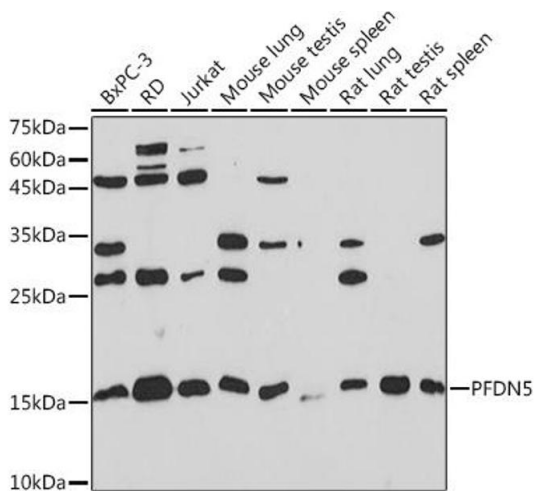
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using PFDN5 Rabbit mAb (ABIN1682853, ABIN3018535, ABIN3018536 and ABIN7101624) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using PFDN5 Rabbit mAb (ABIN1682853, ABIN3018535, ABIN3018536 and ABIN7101624) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.