

Datasheet for ABIN948244
anti-PFDN4 antibody (AA 1-134)



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3 Images

Overview

Quantity:	100 µg
Target:	PFDN4
Binding Specificity:	AA 1-134
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PFDN4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant PFDN4.
Immunogen:	PFDN4 (NP_002614.2, 1 a.a. ~ 134 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MAATMKKAAA EDVNVTFEDQ QKINKFARNT SRITELKEEI EVKKKQLQNL EDACDDIMLA DDDCLMIPYQ IGDVFISHSQ EETQEMLEEA KKNLQEEIDA LESRVESIQR VLADLKVQLY AKFGSNINLE ADES
Clone:	2G4
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	PFDN4
Alternative Name:	PFDN4 (PFDN4 Products)
Background:	Full Gene Name: prefoldin subunit 4 Synonyms: C1,PFD4
Gene ID:	5203
NCBI Accession:	NM_002623
Pathways:	Unfolded Protein Response

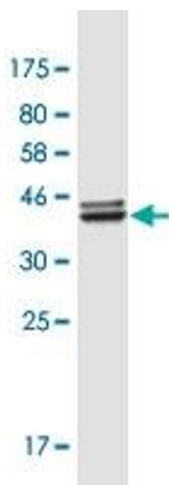
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

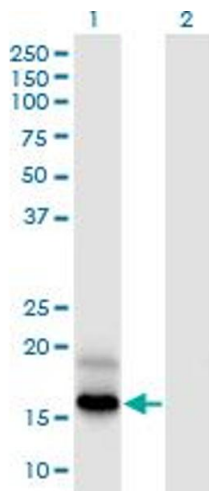
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western Blot detection against Immunogen (41.7 KDa) .

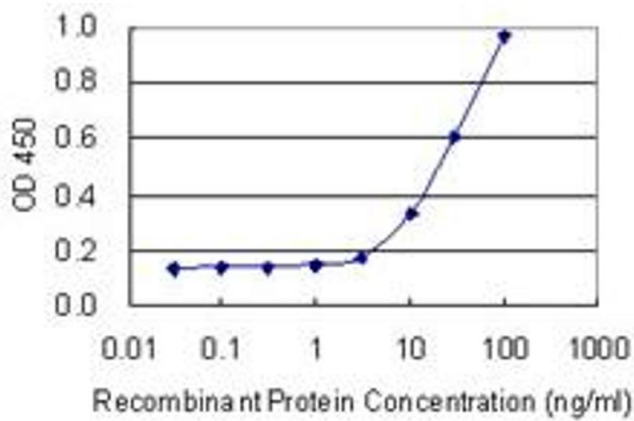


Western Blotting

Image 2. Western Blot analysis of PFDN4 expression in transfected 293T cell line by PFDN4 monoclonal antibody (M03), clone 2G4.

Lane 1: PFDN4 transfected lysate (Predicted MW: 14.85 KDa).

Lane 2: Non-transfected lysate.



ELISA

Image 3. Detection limit for recombinant GST tagged PFDN4 is 1 ng/ml as a capture antibody.