

For Research Use Only

ERP44 Monoclonal antibody, PBS Only

Catalog Number: 67426-1-PBS



Basic Information

Catalog Number: 67426-1-PBS	GenBank Accession Number: BC005374	Purification Method: Protein G purification
Size: 100ug, Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 23071	CloneNo.: 3A2C1
Source: Mouse	UNIPROT ID: Q9BS26	
Isotype: IgG1	Full Name: endoplasmic reticulum protein 44	
Immunogen Catalog Number: AG8818	Calculated MW: 406 aa, 47 kDa	
	Observed MW: 44-47 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
Human, Mouse, Rat

Background Information

TXNDC4 is also named as KIAA0573, ERP44, PDIA10, ERp44 and belongs to the thioredoxin family (TRX). It may be involved in electron transport, protein folding, response to unfolded protein, glycoprotein metabolism, secretory pathway. It may have a role in the control of oxidative protein folding in the endoplasmic reticulum.

Storage

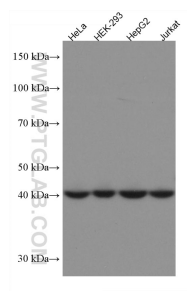
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

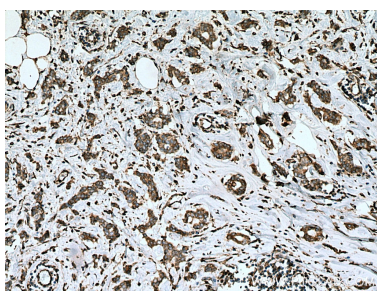
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

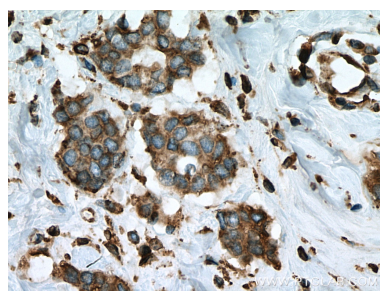
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67426-1-Ig (ERP44 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67426-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67426-1-Ig (ERP44 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67426-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67426-1-Ig (ERP44 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67426-1-PBS in a different storage buffer formulation.