

AB-NN363-1

EndoPDI Antibody

Pan-specific monoclonal antibody (2E7/7) for monitoring the expression of human EndoPDI



KINEXUS

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Target Protein

Name Long:	Thioredoxin domain-containing protein 5
Alias:	Thioredoxin domain containing 5; ERP46; UNQ364; MGC3178; FLJ21353; FLJ90810; thioredoxin related protein; endothelial protein disulphide isomeras
UniProt ID:	Q8NBS9 - Human
Human Predicted Mass (KDa):	47.629 (432 AA; Q8NBS9-1); 36.178 (324 AA; Q8NBS9-2)
Observed SDS-PAGE Mass (KDa):	48

Immunogen

Antibody Immunogen Source:	Synthesized peptide - 12 amino acids long (ADGEDGQDPHSK) corresponding to residues 52 - 63 of the EndoPDI protein
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	IgG2a
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB IHC ICC/IF IP ELISA
Antibody Dilution Recommended:	WB (1:200); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human
Antibody Positive Control:	1 µg/ml of SMC-204 was sufficient for detection of EndoPDI in 20 µg of heat shocked HeLa cell lysate by colorimetric immunoblot analysis using Goat anti - mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	In mouse brain lysates, this antibody detects a ~48 kDa protein.
Antibody Specificity:	High
Antibody Cross Reactivities:	One strong cross-reactive protein at ~75 kDa in mouse brain lysates. Cross-reacts with mouse DNMT1.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987