

# AB-NN040-2

## Erp57 (GRP58) Antibody

Pan-specific monoclonal antibody (Map.ERP57) for monitoring the expression of human Erp57 (GRP58)



**KINEXUS**

Address: 8755 Ash Street, Suite 1  
Vancouver, British Columbia,  
Canada V6P 6T3

Email: [info@kinexus.ca](mailto:info@kinexus.ca)  
Phone: 604-323-2547

### Target Protein

<b>Name Long:</b>	Protein disulfide-isomerase A3 (Erp57, GRP58)
<b>Alias:</b>	ERp60, ERp61, Grp57, Grp58, P58, PDIA3, PI PLC
<b>UniProt ID:</b>	P30101 - Human
<b>Human Predicted Mass (KDa):</b>	56.782 (505 AA; P30101-1)
<b>Observed SDS-PAGE Mass (KDa):</b>	57

### Immunogen

<b>Antibody Immunogen Source:</b>	Human recombinant Erp57 (Grp58)
-----------------------------------	---------------------------------

### Production

<b>Antibody Host Species:</b>	Mouse
<b>Antibody Type:</b>	Monoclonal
<b>Antibody Ig Isotype Clone Lot:</b>	85 IgG1
<b>Antibody Purification:</b>	Protein G purified
<b>Amount:</b>	50 µg
<b>Antibody Concentration:</b>	1 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	Phosphate buffered saline, pH 7.4, 50% glycerol, 0.09% sodium azide
<b>Storage Conditions and Stability:</b>	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

<b>Product Use:</b>	WB   IHC   ICC/IF   IP
<b>Antibody Dilution Recommended:</b>	WB (1:2000) IHC (1:100), ICC/IF (1:100); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Human   Mouse   Rat   Bovine   Dog   Guinea pig   Hamster   Monkey   Pig   Rabbit
<b>Antibody Positive Control:</b>	0.5 µg/ml of SMC-168 was sufficient for detection of ERp57 in 10 µg of heat shock HeLa Lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
<b>Target Detection Immunoblotting:</b>	Detects a ~57 kDa protein.
<b>Antibody Specificity:</b>	Very High

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](http://www.kinexusproducts.ca) or contact us at 1-888-546-3987