

AB-NN265-2

GRP170 Antibody

Pan-specific monoclonal antibody (6G7-2H5) for monitoring the expression of human GRP170



KINEXUS

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Target Protein

Name Long:	Hypoxia up-regulated protein 1
Alias:	ORP150, HSP12A, Hypoxia up regulated 1, Orp150, Glucose regulated 170, 150kDa oxygen regulated
UniProt ID:	Q9Y4L1 - Human
Human Predicted Mass (KDa):	111.335 (999 AA; Q9Y4L1-1); 62.757 (559 AA; Q9Y4L1-2)
Observed SDS-PAGE Mass (KDa):	170

Immunogen

Antibody Immunogen Source:	Raised against a synthetic peptide of human GRP170
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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, 0.1% 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
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human
Antibody Positive Control:	1 µg/ml of SMC-233 was sufficient for detection of GRP170 in 20 µg of HEK293 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 ~170 kDa protein.
Antibody Specificity:	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 or contact us at 1-888-546-3987