

AB-NN265-1 GRP170 Antibody

Pan-specific monoclonal antibody (6E3-2C3) 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:	IgG2b
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 Mouse Rat
Antibody Positive Control:	1 µg/ml of SMC-232 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:	Medium
Antibody Cross Reactivities:	Two major and 3 minor cross-reactive proteins in mouse brain lysates.

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

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