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Nesprin 1 Recombinant Rabbit mAb**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 3H2**GeneID:** 23345**SWISS:** Q8NF91**Target:** Nesprin 1**Immunogen:** A synthesized peptide derived from human Nesprin 1: 8200-8300.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** Multi-isomeric modular protein which forms a linking network between organelles and the actin cytoskeleton to maintain the subcellular spatial organization. As a component of the LINC (Linker of Nucleoskeleton and Cytoskeleton) complex involved in the connection between the nuclear lamina and the cytoskeleton. The nucleocytoplasmic interactions established by the LINC complex play an important role in the transmission of mechanical forces across the nuclear envelope and in nuclear movement and positioning.**Applications:** WB (1:1000-1:2000)**IHC-P** (1:100-1:200)**IHC-F** (1:100-1:200)**IF** (1:50-1:200)**Flow-Cyt** (1:20-1:100)**ICC/IF** (1:50-1:200)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 1011 kDa**Subcellular Location:** Cytoplasm