

Anti-MEK5 Antibody (4Y111)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 50 kDa. Actual: 48 kDa.
Clone:	4Y111
Purification:	Protein A purified

Applications

Verified Activity:	Western blot analysis of Hela cell lysate. Using MEK5 (TMAB-08737) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB,ICC/IF
Recommended	WB: 1:1000-2000; ICC/IF: 1:50-200

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human MEK5
Antigen Species:	Human
Gene ID:	5607
Uniprot ID:	Q13163

Research Background

Acts as a scaffold for the formation of a ternary MAP3K2/MAP3K3-MAP3K5-MAPK7 signaling complex. Activation of this pathway appears to play a critical role in protecting cells from stress-induced apoptosis, neuronal survival and cardiac development and angiogenesis. As part of the MAPK/ERK signaling pathway, acts as a negative regulator of apoptosis in cardiomyocytes via promotion of STUB1/CHIP-mediated ubiquitination and degradation of ICER-type isoforms of CREM.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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