

MAPRE3 Monoclonal Antibody (KT53)

Catalog NumberMA1-72533

Product data sheet

Details		Tested Applications	Dilution *
Size	100 µg	Immunoprecipitation (IP)	2 µg/mL
Host/Isotope	Rat / IgG2a	Western Blot (WB)	1:500-1:5,000
Class	Monoclonal	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Type	Antibody		
Clone	KT53		
Immunogen	Expressed human EB3 fragment		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C		

Product specific information

This antibody also reacts with an unknown 28 kDa protein in Western blot applications.

Background/Target Information

EB3 is a 282 amino acid homologue of EB1, a protein known to bind APC (adenomatous polyposis coli). It has been shown to bind to tubulin in vitro and microtubules in vivo. Northern blotting shows expressions to be mainly in brain, and to a lesser degree in muscle. EB3 interacts with APCL, a homologue of the tumor suppressor APC, and this interaction may be involved in the stabilization or extension of microtubules.

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