



## Product data sheet

<b>Product number</b>	010614A11
<b>Antibody specificity</b>	Microtubule-associated protein RP/EB family member 2 (MAPRE2, EB2)
<b>Species reactivity</b>	Mouse, human, ape and hamster
<b>UniProt/GenelD</b>	Q8R001/212307
<b>Clone number</b>	KT52
<b>Immunogen</b>	Recombinant mouse EB2
<b>Antibody isotype</b>	Rat IgG2b
<b>Antibody form</b>	Intact antibody
<b>Concentration</b>	1 mg/ml in PBS containing 0.09% sodium azide as a preservative
<b>Cross-reactivity</b>	Not cross-react with mouse EB1 and human EB3
<b>Applications</b>	<p>Primary antibody for Western blotting, immunofluorescent staining and immunoprecipitation</p> <p>These are applications that have been tested. It does not mean that the antibody cannot be used for other applications.</p>
<b>Suggested working concentrations</b>	<p>Western blotting: 1/500 - 1/5000 Immunofluorescent staining: 1/100 - 1/1000 Immunoprecipitation: 2 µg/ml</p> <p>Optimal concentrations should be determined by the end user</p>
<b>Preparation</b>	Antibody is purified from culture supernatant using a protein G column
<b>Store</b>	4 °C for 1 month, -20 °C or -80°C in aliquots. Avoid repeated freeze/thaw cycles.
<b>Safety information</b>	This product contains sodium azide which is hazardous
<b>References</b>	Komarova Y, Lansbergen G, Galjart N, Grosveld F, Borisy GG and Akhmanova A. EB1 and EB3 control CLIP dissociation from the ends of growing microtubules. Mol. Biol. Cell. 2005;16:5334-45.

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