



## Product data sheet

<b>Product number</b>	010815H11
<b>Antibody specificity</b>	Microtubule-associated protein RP/EB family member 1, 2 and 3 (EB1, EB2 and EB3)
<b>Clone number</b>	KT65
<b>Immunogen</b>	Recombinant mouse EB1
<b>Antibody isotype</b>	Rat IgG2a
<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>	The antibody was made using EB1 as an antigen. It cross-reacts with EB2 and EB3 but less efficiently than the specific antibodies KT52 and KT53
<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>Reference</b>	van der Vaart B, Manatschal C, Grigoriev I, Olieric V, Gouveia SM, Bjelic S, Demmers J, Vorobjev I, Hoogenraad CC, Steinmetz MO, Akhmanova A. SLAIN2 links microtubule plus end-tracking proteins and controls microtubule growth in interphase. J. Cell. Biol. 2011;193:1083-99.

**Gentaur USA UK Europe**

[info@gentaur.com](mailto:info@gentaur.com)

<https://maxanim.com/gentaur/>