

Product data sheet

Product number	163403D12
Antibody specificity	Microtubule-associated protein RP/EB family member 3 (MAPRE3, EB3) with S162 phosphorylated
Species reactivity	Human
UniProt/GenelD	Q9UPY8/22924
Clone number	KT113
Immunogen	S162 phosphorylated EB3 peptide conjugated to carrier protein
Antibody isotype	Mouse IgG1
Antibody form	Intact antibody
Concentration	1 mg/ml in PBS containing 0.09% sodium azide as a preservative
Cross-reactivity	Not cross-react with EB3 not phosphorylated at S162
Applications	Primary antibody for Western blotting

These are applications that have been tested. It does not mean that the antibody cannot be used for other applications.

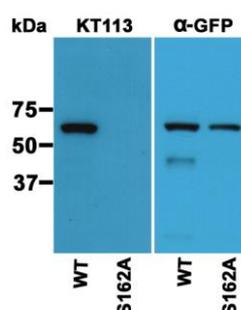


Figure 1. Western blotting using lysates of HEK cells expressing wild type EB3 (WT, most S162 was phosphorylated) and none phosphorylated EB3 (S162A). WT EB3 and S162A EB3 were expressed as fusion proteins with GFP. The bands were detected using KT113 and anti-GFP antibodies. Courtesy of Dr. Yulia Komarova.

Suggested working concentrations	Western blotting: 1/500 - 1/20000 Optimal concentrations should be determined by the end user
Preparation	Antibody is purified from culture supernatant using a protein A column
Store	4 °C for 1 month, -20 °C or -80°C in aliquots. Avoid repeated freeze/thaw cycles.
Safety information	This product contains sodium azide which is hazardous