



## Product data sheet

<b>Product number</b>	032006E03
<b>Antibody specificity</b>	CLIP-associating protein 2 (CLASP2)
<b>Species reactivity</b>	Human
<b>UniProt/GenelD</b>	O75122/23122
<b>Clone number</b>	KT68
<b>Immunogen</b>	Recombinant CLASP2 (90 - 876 bp in KIAA0627)
<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 tested
<b>Applications</b>	Primary antibody for Western blotting and immunofluorescent staining  These are applications that have been tested. It does not mean that the antibody cannot be used for other applications
<b>Suggested working concentrations</b>	Western blotting: 1/500 - 1/5000 Immunofluorescent staining: 1/100  Optimal concentrations should be determined by the end user
<b>Preparation</b>	IgG is purified from culture supernatants 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>	Maffini S, Maia AR, Manning AL, Maliga Z, Pereira AL, Junqueira M, Shevchenko A, Hyman A, Yates JR 3rd, Galjart N, Compton DA and Maiato H. Motor-independent targeting of CLASPs to kinetochores by CENP-E promotes microtubule turnover and poleward flux. <i>Curr. Biol.</i> 2009;19: 1566-1572.  Akhmanova A, Hoogenraad CC, Drabek K, Stepanova T, Dortland B, Verkerk T, Vermeulen W, Burgering BM, De Zeeuw CI, Grosveld F, Galjart N. Clasps are CLIP-115 and -170 associating proteins involved in the regional regulation of microtubule dynamics in motile fibroblasts. <i>Cell</i> 2001;104: 923-935.

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