

## Product datasheet for **CF500885**

### **PASK Mouse Monoclonal Antibody [Clone ID: OTI11G9]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI11G9
<b>Applications:</b>	IF, WB
<b>Recommended Dilution:</b>	WB 1:2000, IF 1:100
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human PASK (NP_055963) produced in HEK293T cell.
<b>Formulation:</b>	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
<b>Reconstitution Method:</b>	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	142.9 kDa
<b>Gene Name:</b>	PAS domain containing serine/threonine kinase
<b>Database Link:</b>	<a href="#">NP_055963</a> <a href="#">Entrez Gene 23178 Human</a> <a href="#">Q96RG2</a>
<b>Background:</b>	PAS domains regulate the function of many intracellular signaling pathways in response to both extrinsic and intrinsic stimuli. PASK is an evolutionarily conserved protein present in yeast, flies, and mammals.

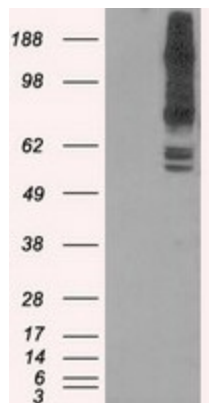


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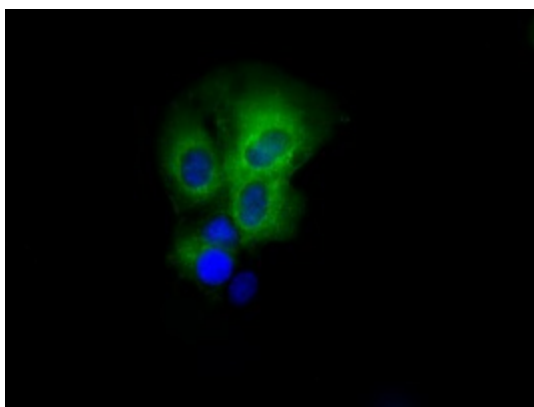
**Synonyms:** PASKIN; STK37

**Protein Families:** Druggable Genome, Protein Kinase, Stem cell - Pluripotency

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PASK ([RC209096], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PASK. Positive lysates [LY414744] (100ug) and [LC414744] (20ug) can be purchased separately from OriGene.



Anti-PASK mouse monoclonal antibody ([TA500885]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PASK ([RC209096]).