

## Anti-MARK4L antibody (C-Term) (STJ70150)

STJ70150

### GENERAL INFORMATION

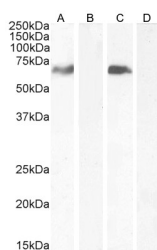
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-MARK4L (C-Term) is suitable for use in ELISA, Western Blot and Flow Cytometry research applications.
<b>Applications</b>	Pep-ELISA/WB/FC
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Human/Mouse

### PRODUCT PROPERTIES

<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	0.5 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Dilution Range</b>	Peptide ELISA: antibody detection limit dilution 1:128000. WB: Approx 70kDa band observed in Human Cerebellum and Mouse Brain lysates, and in lysates of cell line U251 (calculated MW of 75.3kDa according to Human NP_113605.2 and 75.4kDa according to Human NP_113605.2)
<b>Formulation</b>	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C on receipt and minimise freeze-thaw cycles.

### TARGET INFORMATION

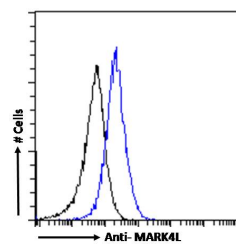
<b>Gene ID</b>	57787
<b>Gene Symbol</b>	MARK4
<b>Uniprot ID</b>	MARK4_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	C-Term
<b>Specificity</b>	This antibody is expected to recognize the reported long isoform 1 (NP_113605.2) only.
<b>Immunogen Sequence</b>	IKRKPPPGCSDSPGV



STJ70150 (0.3 µg/ml) staining of Human Cerebellum lysate (A) + peptide (B), Mouse Brain lysate (C) + peptide (D), (35 µg protein in RIPA buffer). Detected by chemiluminescence.



STJ70150 (1 µg/ml) staining of U251 cell lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



STJ70150 Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (1 µg/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081