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**Product Name: MSP Rabbit Monoclonal Antibody****Catalog #: AMRe01440**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC/IF,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.65mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,ICC/IF 1:50-1:200,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW: 56 kDa; Observed MW: 60 kDa

**Antigen Information**

<b>Gene Name</b>	STK4
<b>Alternative Names</b>	serine threonine kinase 3/4; KRS1; MST2/KRS2; MST1; YSK3; TIIAC
<b>Gene ID</b>	6789
<b>SwissProt ID</b>	Q13043
<b>Immunogen</b>	A synthetic peptide corresponding to target protein

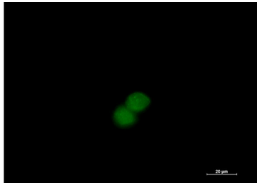
**Background**

Stress-activated, pro-apoptotic kinase which, following caspase-cleavage, enters the nucleus and induces chromatin condensation followed by internucleosomal DNA fragmentation.

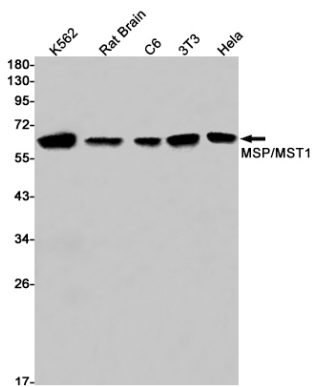
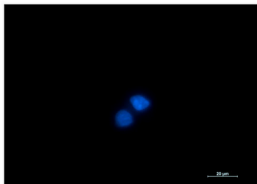
## Research Area

Cell Biology

## Image Data



Immunocytochemistry analysis of MSP (green) in K562 using MSP antibody, and DAPI(blue).



Western blot analysis of MSP/MST1 in K562, rat Brain, C6, 3T3, HeLa lysates using MSP/MST1 antibody.