

## Anti-ERK1/2 antibody [6B1] (STJ97534)

STJ97534

### GENERAL INFORMATION

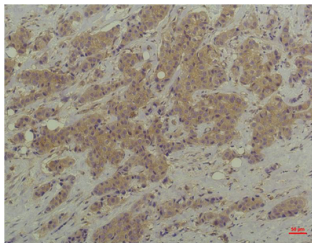
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Mitogen-activated protein kinase 3 and Mitogen-activated protein kinase 1 is suitable for use in Western Blot, Immunohistochemistry and Immunofluorescence research applications.
<b>Applications</b>	WB, IHC-P, IF-P
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human, Rat, Mouse

### PRODUCT PROPERTIES

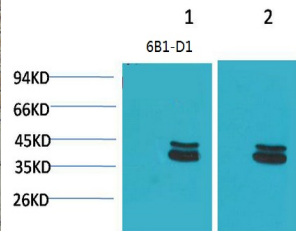
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	6B1
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
<b>Dilution</b>	WB 1:1000-2000
<b>Range</b>	IHC 1:50-100
<b>Formulation</b>	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG1
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

<b>Gene ID</b>	<a href="#">5594</a> <a href="#">5595</a>
<b>Gene Symbol</b>	<a href="#">MAPK1</a> <a href="#">MAPK3</a>
<b>Uniprot ID</b>	<a href="#">MK01_HUMAN</a> <a href="#">MK03_HUMAN</a>
<b>Immunogen</b>	Synthetic peptide of P44/42 MAPK (ERK1/2)
<b>Immunogen Region</b>	
<b>Specificity</b>	ERK1/2 monoclonal antibody (Mitogen-activated protein kinase 3 and Mitogen-activated protein kinase 1) binds to endogenous Mitogen-activated protein kinase 3 and Mitogen-activated protein kinase 1.
<b>Immunogen Sequence</b>	



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using P44/42 MAPK (ERK1/2) Mouse mAb diluted at 1:200.



Western blot analysis of 1) Mouse Brain Tissue, 2) Rat Brain Tissue with P44/42 MAPK (ERK1/2) Mouse mAb diluted at 1:2,000.

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.  
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