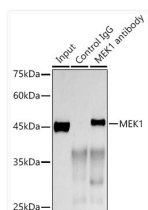
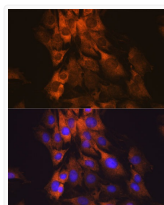


Anti-MAP2K1 antibody (1-100) [S0MR] (STJ11101700)

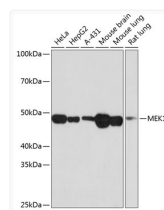
GENERAL INFORMATION		
	Product Type	Primary antibodies
	Applications	WB/IF/ICC/IP/ELISA
	Host / Source	Rabbit
	Reactivity	Human/Mouse/Rat
PRODUCT PROPERTIES		
	Clonality	Monoclonal
	Concentration	Lot specific
	Conjugation	Unconjugated
	Purification	Affinity purification
	Dilution Range	WB:1:500-1:2000 IF/ICC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 400 Mu g-600 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements
	Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
	Isotype	IgG
	Molecular Weight	Protein Mw: 43kDa Observed Mw: 45kDa
	Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
TARGET INFORMATION		
	Gene ID	5604
	Gene Symbol	MAP2K1
	UniProt ID	MP2K1_HUMAN
	Immunogen Region	1-100
	Immunogen Sequence	MPKKKPTPIQLNPAPDGS AV NGTSSAETNLEALQKKLEEL ELDEQQRKRLEAFLTQKQKV GELKDDDFEKISELGAGNGG VVFKVSHKPSGLVMARKLIH
	Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human MEK1 (Q02750).
ADDITIONAL INFORMATION		
	Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunoprecipitation analysis of 600 Mu g extracts of Mouse brain using 3 Mu g MEK1 antibody (STJ11101700). Western blot was performed from the immunoprecipitate using MEK1 (STJ11101700) at a dilution of 1:1000.



Immunofluorescence analysis of C6 cells using MEK1 Rabbit monoclonal antibody (STJ11101700). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using MEK1 Rabbit monoclonal antibody (STJ11101700) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1min.