

bsm-51037M**[Primary Antibody]****MAPK15/ERK8 Mouse mAb**

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— DATASHEET —**Host:** Mouse**Isotype:** IgG1**Clonality:** Monoclonal**CloneNo.:** 7C2**GeneID:** 225689**SWISS:** Q8TD08**Target:** MAPK15/ERK8**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: MAPK15 is a 544 amino acid protein that belongs to the CMGC Ser/Thr protein kinase family (MAP kinase subfamily). MAP kinases play a significant role in many biological processes, including cell adhesion and spreading, cell differentiation and apoptosis. MAPK15 functions as a catalytic kinase using ATP to produce ADP and a phosphoprotein. A TXY motif, containing one threonine and one tyrosine residue, activates the MAP kinases upon phosphorylation. MAPK15 is a ubiquitously expressed protein with highest expression found in lung and kidney.

Applications: WB (1:100-500)**IHC-P** (1:100-500)**IHC-F** (1:20-100)**IF** (1:20-100)**ICC/IF** (1:20-100)**Reactivity:** (predicted: Human)

**Predicted
MW.:** 60 kDa

**Subcellular
Location:** Cytoplasm