

Anti-MAP2K4 Antibody (4B780)

Product Details

Ig Type:	IgG2b/Kappa
Reactivity:	Human
Clone:	4B780
Purification:	Protein G purified

Applications

Verified Activity:	1. Cell line: HEK-293
	Fixative: 4% Paraformaldehyde
	Permeabilization: 0.1% TritonX-100
	Primary ab dilution: 1:50
	Primary incubation condition: 4°C overnight
	Secondary ab: Goat Anti-Mouse IgG
	Nuclear counter stain: DAPI (Blue)
	Comment: Color green is the positive signal for TMAB-08566
	2. Blocking buffer: 5% NFDm/TBST
	Primary ab dilution: 1:3000
	Primary ab incubation condition: room temperature 2 h
	Secondary ab: Goat Anti-Mouse IgG H&L (HRP)
	Lysate: HeLa, 293
	Protein loading quantity: 20 µg
Exposure time: 60 s	
Predicted MW: 44 kDa	
Observed MW: 44 kDa	
Application:	WB, ICC/IF
Recommended	WB: 1:1000-3000; ICC/IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Gene ID:	6416
----------	------

Research Background

This gene encodes a member of the mitogen-activated protein kinase (MAPK) family. Members of this family act as an integration point for multiple biochemical signals and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation, and development. They form a three-tiered signaling module composed of MAPKKKs, MAPKKs, and MAPKs. This protein is phosphorylated at serine and threonine residues by MAPKKKs and subsequently phosphorylates downstream MAPK targets at threonine and tyrosine residues. A similar protein in mouse has been reported to play a role in liver organogenesis. A pseudogene of this gene is located on the long arm of chromosome X. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul

2013]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481