

p38 Mouse Monoclonal Antibody(4G2)

Catalog No.: RA10309

Basic Information

Information

Reactivity	H,M,R
Immunogen	Recombinant Protein
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	~40KD

Applications

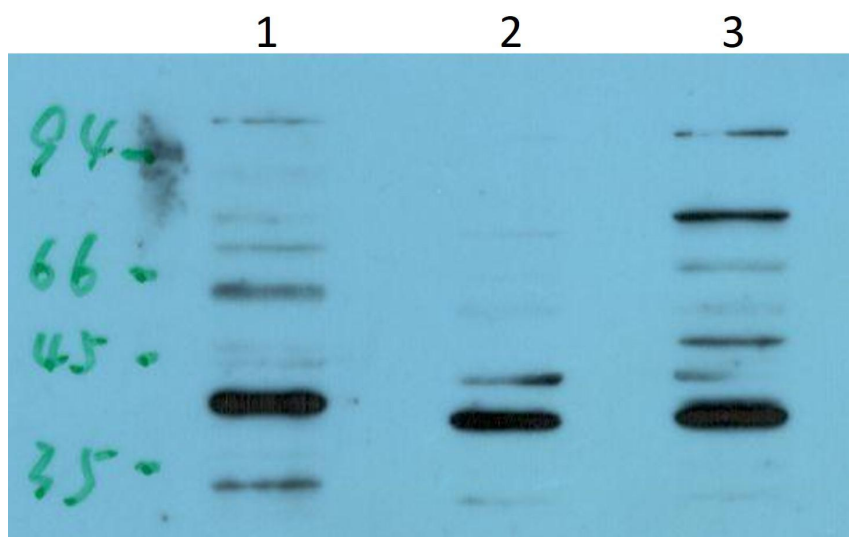
Recommended Dilution

WB	1:1,000-2,000
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Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

Experimental Data



Western blot analysis of 1)Hela Cell, 2)Mouse Liver Tissue ,3)Rat Kidney Tissue Lysate using P38 Mouse Monoclonal mAb diluted at 1:2,000.

Background

p38 MAP kinase (MAPK) is the mammalian orthologue of the yeast HOG kinase that participates in a signaling cascade controlling cellular responses to cytokines and stress. Isoforms p38 α , p38 β , p38 γ and p38 δ have been identified. p38 MAPK is activated by a variety of cellular stresses including osmotic shock, inflammatory cytokines, lipopolysaccharide (LPS), UV light, and growth factors.