

[Primary Antibody]

p38 Recombinant Rabbit mAb



BioSS
ANTIBODIES

www.bioss.com.cn

sales@bioass.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET

Host: Rabbit

Clonality: Recombinant

GeneID: 1432

Target: p38

Purification: Affinity Purification

Storage: PBS with 100 µg/ml BSA, 0.15% ProClin300 and 50% glycerol.
Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Background: Serine/threonine kinase which acts as an essential component of the MAP kinase signal transduction pathway. MAPK12 is one of the four p38 MAPKs which play an important role in the cascades of cellular responses evoked by extracellular stimuli such as pro-inflammatory cytokines or physical stress leading to direct activation of transcription factors such as ELK1 and ATF2.

Isotype: IgG

CloneNo.: SB94

SWISS: 016539

Applications: WB (1: 500-2000)

IHC-P (1: 50-200)

IHC-F (1: 50-200)

IF (1: 50-200)

Flow-Cyt (1ug/Test)

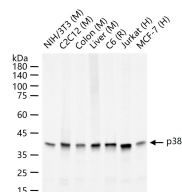
ICC/IF (1:50-200)

Reactivity: Human, Mouse, Rat

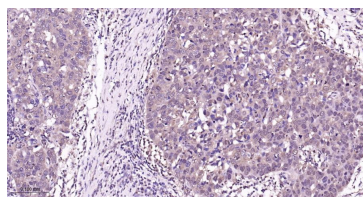
Predicted MW.: 38

Subcellular Location: Cytoplasm ,Nucleus

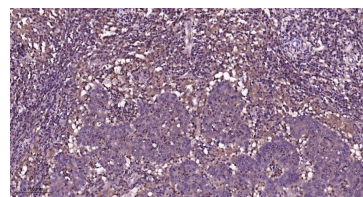
— VALIDATION IMAGES



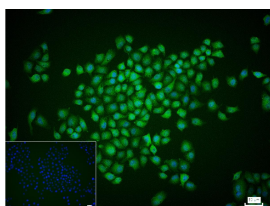
25 ug total protein per lane of various lysates (see on figure) probed with p38 monoclonal antibody, unconjugated (bsm-55529R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



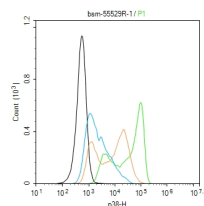
Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with p38 Monoclonal Antibody, Unconjugated (bsm-55529R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with p38 Monoclonal Antibody, Unconjugated(bsm-55529R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



4% Paraformaldehyde-fixed Hela (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (p38) monoclonal Antibody, unconjugated (bsm-55529R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-04295G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.



The Hela (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r.t.). Primary Antibody (green): Rabbit Anti-p38 antibody (bsm-55529R): 1 µg/10⁶ cells; Secondary Antibody (white blue): Goat anti-Rabbit IgG-FITC (bs-04295G-FITC): 1 µg/test. Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.