

[Primary Antibody]

p38 Recombinant Rabbit mAb



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— DATASHEET

Host: Rabbit

Isotype: IgG

Clonality: Recombinant

CloneNo.: SB94

GeneID: 1432

SWISS: 016539

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.

Applications: WB (1:1000-2000)

IHC-P (1:100-500)

IHC-F (1:100-500)

IF (1:100-500)

ICC/IF (1:100-200)

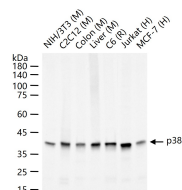
Reactivity: Human, Mouse, Rat
(predicted: Pig)

Predicted
MW.: 38 kDa

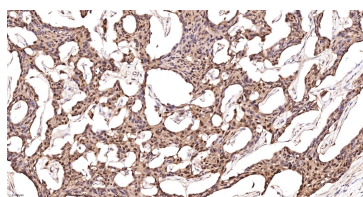
Observed
MW.: 40 kDa

Subcellular Location: Cytoplasm ,Nucleus

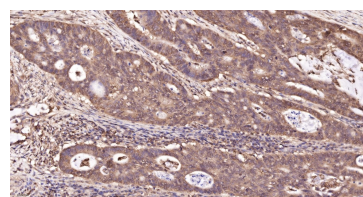
— VALIDATION IMAGES



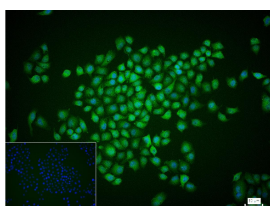
25 ug total protein per lane of various lysates (see on figure) probed with p38 monoclonal antibody, unconjugated (bsm-55529R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



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.

— SELECTED CITATIONS

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

- **[IF=10.2]** Chungchi Lee. et al. Self-Propelled Gas Nanomotor-Integrated Microneedles for Melanoma Therapy: Dual-Action In Situ Eradication and Metastatic Suppression. MATER TODAY BIO. 2025 Jul;;102122 WB ;Mouse. 40747115
- **[IF=5.5]** Zixin Li. et al. Three-Compartment Pharmacokinetics of Inhaled and Injected Sinapine Thiocyanate Manifest Prolonged Retention and Its Therapeutics in Acute Lung Injury. PHARMACEUTICS. 2025 Jul;17(7):909 WB ;Rat. 40733117
- **[IF=5.4]** Liang Han. et al. Polydatin attenuates LPS-induced acute lung injury in rats via targeting HSP90AB1. J ETHNOPHARMACOL. 2026 May;363:121390 WB,IHC ;Mouse,Rat. 41707809
- **[IF=5.2]** Jianan Zhang. et al. ROS-responsive Prussian blue nanoplatform for synergistic myocardial ischemia/reperfusion injury therapy via EGCG delivery and DJ-1 pathway regulation. INT J PHARMACEUT. 2026 Jan;;126620 WB ;Rat. 41616985
- **[IF=4.8]** Zhongfu Tang. et al. Jianpi Zishen Decoction ameliorates renal damage induced by systemic lupus erythematosus through inhibition of the TLR4/MAPK pathway. PHARM BIOL. 2026;64(1):108-129 WB ;Human,Mouse. 41466499