

p38 Antibody (YA696)

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| Cat. No.: | HY-P80776 |
| Synonyms: | p38 Antibody (YA696) is a non-conjugated and Mouse originated monoclonal antibody about 41 kDa, targeting to p38 (5A1). It can be used for WB assays with tag free, in the background of Human, Mouse, Rat, Monkey. |
| Host: | Mouse |
| Reactivity: | Human, Mouse, Rat, Monkey |
| Conjugation: | Non-conjugated |
| SwissProt ID: | Q16539 |
| Research Field: | Signal Transduction |
| Molecular Weight: | Predicted band size: 41 kDa |

PROPERTIES

| Formulation | Supplied in 1*PBS (pH 7.3), 50% glycerol and 0.5% BSA. Preservative: 0.02% sodium azide. | | | | |
|------------------------------|--|-------------|----------------|----|---------------|
| Purity | affinity purified | | | | |
| Storage & Stability | Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles. | | | | |
| Appearance | Liquid | | | | |
| Application & Dilution Ratio | <table> <thead> <tr> <th>Application</th> <th>Dilution Ratio</th> </tr> </thead> <tbody> <tr> <td>WB</td> <td>1:500-1:1,000</td> </tr> </tbody> </table> | Application | Dilution Ratio | WB | 1:500-1:1,000 |
| Application | Dilution Ratio | | | | |
| WB | 1:500-1:1,000 | | | | |
| Shipping | Shipping with blue ice. | | | | |

DESCRIPTION

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| Background | <p>p38 (5A1): The protein encoded by this gene is a member of the MAP kinase family. MAP kinases 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. This kinase is activated by various environmental stresses and proinflammatory cytokines. The activation requires its phosphorylation by MAP kinase kinases (MKKs), or its autophosphorylation triggered by the interaction of MAP3K7IP1/TAB1 protein with this kinase. The substrates of this kinase include transcription regulator ATF2, MEF2C, and MAX, cell cycle regulator CDC25B, and tumor suppressor p53, which suggest the roles of this kinase in stress related transcription and cell cycle regulation, as well as in genotoxic stress response. Four alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]</p> |
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Caution: Product has not been fully validated for medical applications. For research use only.

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