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**anti-p-Stat1**

Cat #: HM1353  
Mouse monoclonal IgG  
0.2 µg/µl, store at 4 °C

For research use only

**BACKGROUND**

Stats (signal transducers and activators of transcription) are transcription factors activated by peptide hormones, growth factors and cytokines, particularly interferons. Stat1 is the first member of Stats family. It is a subunit of ISGF3 transcription factor complex, which is responsible for modulating the transcription of the interferon-stimulated genes. Various ligands induce activation of the JAK JAK family kinases, which phosphorylate at tyrosine and activate Stat activation.

**SPECIFICITY**

This antibody specifically recognizes Stat1 containing phosphorylated Tyr-701.

The antibody can be used in Western blotting, immunoprecipitation and immunostaining.

**IMMUNOGEN**

A peptide corresponding to an amino acid sequence containing phosphorylated Tyr-701 of Stat1 of human origin.

**STORAGE**

This antibody is stable for 12 months when stored at 2-8°C.

**REFERENCES**

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