Data Sheet (Cat.No.TMAY-01375)

TargetMol

Anti-Phospho-STAT3 (Tyr705) Antibody (4J588)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human; Predicted to React with:Species predicted to react based on 100% sequence homology: Mouse, Rat, Cynomolgus, Bovin, Pig; Phospho-Stat3 (Tyr705)
Conjugation:	Unconjugated
Clone:	4J588
Purification:	Protein A

Applications

Verified Activity:	1. Western blot analysis of extracts from serum-starved Hela, untreated (line A); treated with IFNα (150 ng/mL, 15 min), without peptide (line B) or antigen-specific phosphopeptide (line C) or antigen-specific peptide (line D) using Phospho-Stat3 (Tyr705) rabbit monoclonal Antibody at 1:1000 dilution. (Validation Experiment) 2. Western blot analysis of extracts from serum-starved Hela, untreated (-) and treated with IFN alpha 2 (150 ng/mL, 15 min) (+) using Phospho-Stat3 (Tyr705) rabbit monoclonal Antibody at 1:1000 dilution or Beta-Tubulin Loading Control Antibody, Mouse Mab at 1:20000 dilution (lower). 3. Western blot analysis of extracts from serum-starved Hela treated with IFNα (150 ng/mL, 15 min), using Phospho-Stat3 (Tyr705) rabbit monoclonal Antibody and other brands' antibodies (Company C) at dilution of 1:2000, 1:10000 and 1:50000. (Validation Experiment)
Application:	WB
Recommended	WB: 1:500-1:5000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: residues around Tyr705 of the Human Phospho-Stat3
Antigen Species:	Human
Synonyms:	p-STAT3 (Y705);APRF;p-STAT3 (Tyr705);Phospho-Stat3 (Y705);STAT3 (p-Y705);ADMIO1;HIES;STAT3 (p-Tyr705);ADMIO
Biology Area:	Cancer Drug Targets, Apoptosis Transcription Factors and Regulators

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