

Anti-Phospho-STAT1-Tyr-701 antibody [M135] (STJA0005605)

STJA0005605

GENERAL INFORMATION

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|--------------------------|-----------------------------------------------------------------------------------------------------------------|
| Product Type | Primary antibodies |
| Short Description | Mouse monoclonal antibody anti-Phospho-Stat1-Tyr-701 is suitable for use in Western Blot research applications. |
| Applications | WB |
| Host/Source | Mouse |
| Reactivity | Human/Mouse/Rat |

PRODUCT PROPERTIES

| | |
|----------------------------|------------------------------------------------------------------------------------------------|
| Clonality | Monoclonal |
| Clone ID | M135 |
| Concentration | |
| Conjugation | Unconjugated |
| Purification | Antigen Affinity Purified |
| Dilution Range | WB 1:1000 |
| Formulation | PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol |
| Isotype | IgG1 |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles. |

TARGET INFORMATION

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|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID | 6772 |
| Gene Symbol | STAT1 |
| Uniprot ID | STAT1_HUMAN |
| Immunogen | Clone (M135) was generated from a synthetic peptide (coupled to KLH) corresponding to amino acid residues around tyrosine 701 of human Stat1. This peptide sequence has high homology to the conserved tyrosine site in rat and mouse stat1. |
| Immunogen Region | |
| Specificity | The antibody detects 84 and 91 kDa* stat1 variants on SDS-PAGE immunoblots of human A431 treated with EGF, as well as Jurkat and A431 cells treated with pervanadate. The antibody does not detect these variants in control cells. |
| Immunogen Sequence | |