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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-STAT3 phosphorylated [AbAb1-pSTAT3] Standard Size Ab04100-3.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a reformatted mouse IgG2b Fc Silent™ antibody, based on the original mouse IgG format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG2b, [Fc Silent™](#), Kappa

Clone Number: AbAb1-pSTAT3

Alternative Name(s) of Target: APRF; Signal transducer and activator of transcription 3; Acute-phase response factor

UniProt Accession Number of Target Protein: P40763

Published Application(s): IP, WB, ELISA

Published Species Reactivity: Human, Mouse

Immunogen: The original antibody was generated by immunizing rabbits with recombinant phosphorylated peptide pSTAT3 (PGSAAP-pY-LKTKGGGSC) conjugated with KLH as an immunogen.

Specificity: This antibody binds human phosphorylated STAT3. This protein mediates cellular responses to interleukins, KITLG/SCF, LEP and other growth factors.

Application Notes: The binding reactivity of this antibody to recombinant phosphorylated pSTAT3 peptide was confirmed using ELISA. The binding reactivity was further confirmed using western blot, of STAT3 protein IFN-α-treated cells. The scFv version of this antibody was used fused to human IgG1 using a suitable linker for the generation of scFv-Fc mini-antibody. This minibody was capable of immunoprecipitating pSTAT3 in the cell lysate of HeLa cells treated with IFN-α (US20090233358).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In:

PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.