



STAT3 (4C8) Mouse mAb

db6208 Package : 50μL 100μL

Product Name: STAT3 (4C8) Mouse mAb

Cat.No.: db6208

Synonyms: STAT3; APRF; Signal transducer and activator of transcription 3; Acute-phase response factor

Application: WB

Reactivity: Human, Mouse, Rat, Monkey, Hamster

Host species: Mouse

Background Signal transducer and transcription activator that mediates cellular responses to

interleukins, KITLG/SCF and other growth factors. May mediate cellular responses to activated

FGFR1,FGFR2,FGFR3 and FGFR4.Binds to the interleukin-6 (IL-6)-responsive elements identified

in the promoters of various acute-phase protein genes. Activated by IL31 through

IL31RA.Cytoplasmic STAT3 represses macroautophagy by inhibiting EIF2AK2/PKR activity.Plays an important role in host defense in methicillin-resistant S.aureus lung infection by regulating the

expression of the antimicrobial lectin REG3G by similarity.

Immunogen Purified recombinant human STAT3 protein fragments expressed in E.coli

Gene ID 6774

Swiss Prot P40763

Synonyms STAT3; APRF; Signal transducer and activator of transcription 3; Acute-phase response factor

Reactivity Human, Mouse, Rat, Monkey, Hamster

Application WB

Recommended dilution WB: 1:500-1:1000

Calculated MW 88 kDa

Observed MW 88 kDa

Host species Mouse

Clonality Monoclonal

Clonality No. 4C8-1C9-H8

Isotype IgG1

Purity Affinity Purification



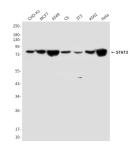
For Research Use Only **Product Datasheet**

Conjugation

Un-conjugated

Storage Stability

Store at -20 $^{\circ}$ C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



Western blot analysis of STAT3 in CHO-K1, C6, 3T3, K562, CEM, Jurkat, Hela, MCF-7, COS7, 293T, A431 and A549 lysates using STAT3 antibody.