

## 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**

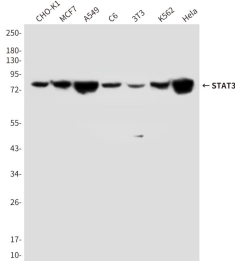
Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°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.