

STAT3 (4C8) Mouse mAb (PBS Only)**db6208-PBS****Package : 可询价****Product Name :** STAT3 (4C8) Mouse mAb (PBS Only)**Cat.No.:** db6208-PBS**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

Calculated MW

88 kDa

Observed MW

88 kDa

Host species

Mouse

Clonality

Monoclonal

Clonality No.

4C8-1C9-H8

Isotype

IgG1

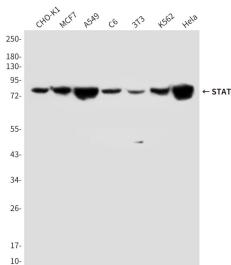
Purity

Affinity Purification

Conjugation

Un-conjugated

Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. 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.