STAT3 (4C8) Mouse mAb

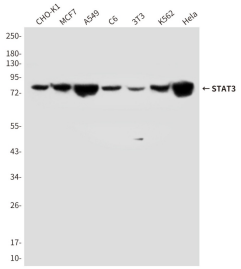
db6208 **Package : 50μL 100μL**

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.